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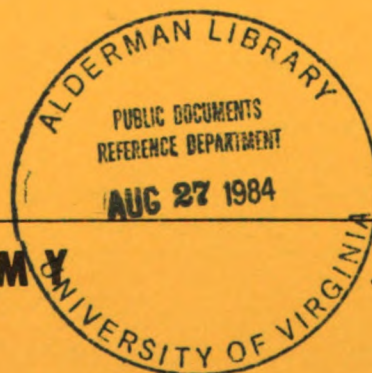
**GUIDED MISSILE, AIR DEFENSE
MIM-14B AND MIM-14C**

IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM

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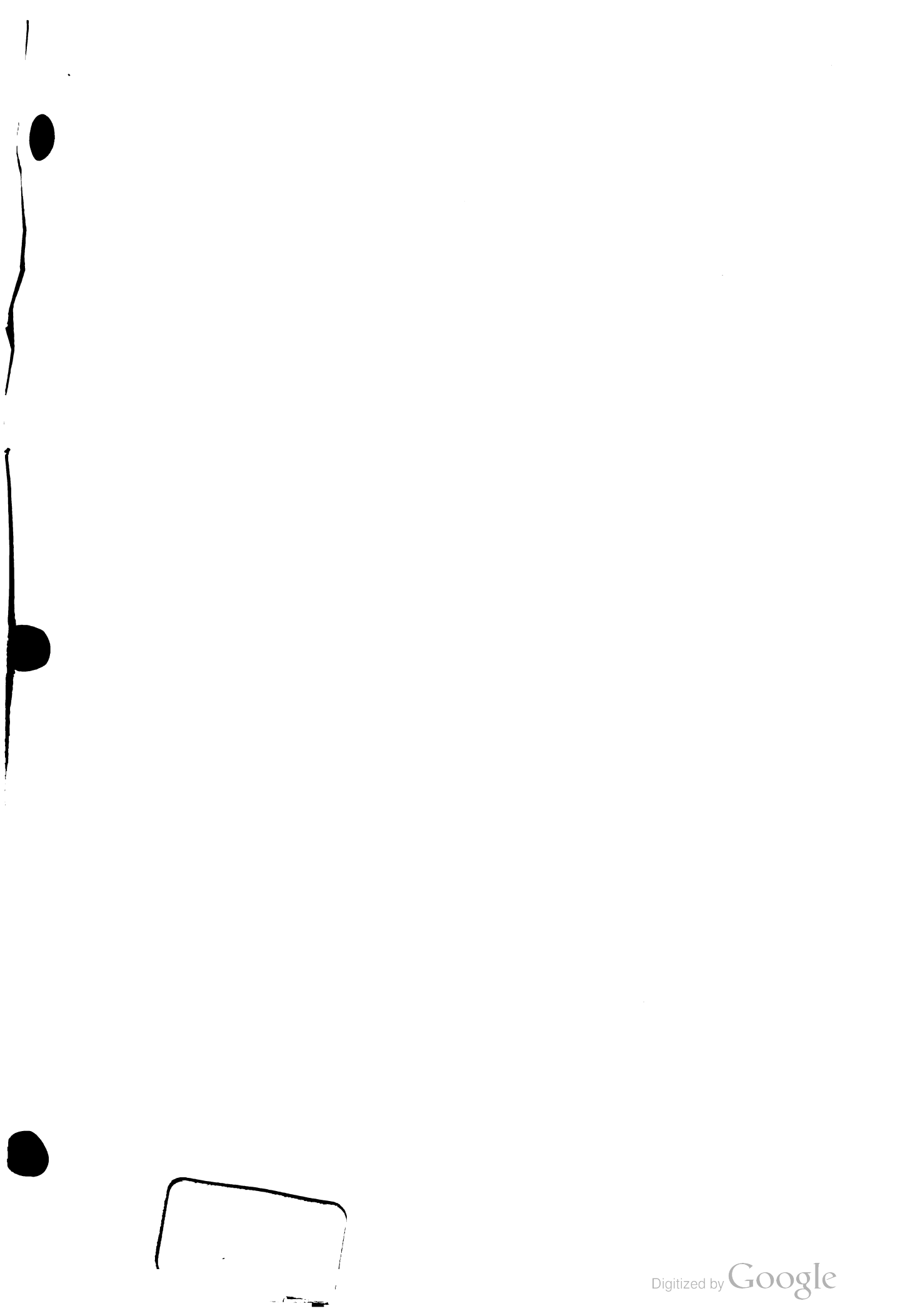


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2-290		151	
4-5		1	

SAMPLE

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Item 5 is listed as a Screw but should be listed as Knob.

In bubble J, callout 8 is depicted as a Washer and in bubble G, callout 8 is depicted as a Terminal Board. Recommend that bubble J callout 8 be changed to callout 2.

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REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
9978366	11	4	9978991-2	145	9			
				167	16			
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9978415	162	17	9979162	52	5			
9978447	108	12		160	8			
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				160	4			
9978469	106	15	9979234	20	27			
				156	15			
9978488	147	1	9979465	60	13			
9978489	147	6	9979466	60	9			
9978490	147	3	9979608	29	15			
9978529	108	9	9979611	13	1			
9978535	78	10	9979613	33	2			
9978536	90	1	997979130	45	17			
9978537	90	4	9981372	172	3			
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9978565-1	146	18						
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997867	98	3						
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	26	27						
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9978991-1	145	10						
	167	16A						

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
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9032020	61	13	9033035	27	6	9151291	107	19
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9032022-3	30	13	9033221	58	14	9151294	106	23
9032022-9	30	16	9033353	27	10	9151295	106	16
9032023	62	7	9033560	148	2	9151296	107	8
9032032	171	418	9033575	26	18	9151297	106	18
9032034	51 64 159	2 9 2	9033602	45	9	9151298	107	14
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9032056	30	6	9033691	51 199	12 13	9151300	107	9
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9032610	20	2	9062795	64	2	9978035	105	2
9032642	22 157	16 4	9090315	146 146	20 26	9978036	105	3
9032643	22 157	13 1	9131381	35	4	9978049	127	5
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9032797	63	6	9151283	107	11	9978089	91	28
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9032800	51 159	6 6	9151285	107	13	9978101	171	61A
			9151286	107	22	9978121	147	9
9032821	62	8	9151287	106	22	9978138	147	7
9032830	25	17	9151289	106	14	9978143	131	31
9032841	46	9	9151289	107	6			

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
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9030655	89	5	9031473	131	6	9031866	44	4
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9031007	3	2	9031476	131	8	9032013	57	5
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9025896	97	13				9028222	123	7
9025961	26	21				9028231	117	4
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9026136	171	13A	9028070	30	7	9028260	55 165	1 22
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9026145	36	17	9028073	87	11			
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9026168	36 171	16 16F	9028078	87	5			
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9027337	141	20	9028104	123	10	9028326	21	7
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9028021	85	5				9028400	37	9
9028024	43	6	9028167	44	3	9028407	73	1

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9019942	171	56A	9020614	107	3	9020937	107	2
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REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
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9019590	101	29	9019721	112	13	9019891	100	31
9019592	112	2	9019723	92	9	9019895	101	23
9019617	3 97	3 6	9019728	91	29	9019897	153	14
9019631	91 171	4 26A	9019729	99	12	9019902	129 135	5 10
9019635	100	5	9019732	102	15	9019903	90	9
9019638	62 164	17 16	9019734	101	23	9019908	110	4
9019660	96	11	9019738	99	22	9019912	153	5
9019673	44	2	9019743	101	2	9019913	151	11
9019674	38	9	9019747	99	23	9019922	98	8
9019675	79	15	9019752	99	35	9019928	98	12
9019677	76	10	9019755	99	24	9019934	100	15
			9019757	99	34	9019935	68	1
			9019759	26	24	9019936	112	6
			9019797	93	11			
			9019804	85	18			

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
8525358	117	11	8530395-9	99	9	9007622	32	17
8525359	116	7	8530400	171	21A	9007623	32	18
8525605	125 132	7 2	8530401	4 12	4 2	9007624	32	19
8525646	125 126 134	5 9 11	8530404	24	1	9007625	32	20
8525674	129 135	12 22	8530406	13	2	9007626	32	21
8525674-3	129 135	14 24	8530408	38	14	9007627	32	22
8525677	129 135	13 23	8530412	171	24A	9017819	141	6
8525678	127	8	8530414	36	13	9017820	141	12
8525679	129 135	15 25	8530415	37	1	9017821	141	7
8525681	127	14	8530417	47	9	9017822	141	5
8525682	127	1	8530418	58	10	9017823	141	14
8525691	130	3	8530425	149	11	9017824	142	13
8525694	131	19	8530431	47	6	9017826	141	11
8525699	131	10	8530432	24	12	9017836	141	16
8525861	144 168	6 11	8530453	128	7	9017837	141	15
8525861-3	144	8	8530458	4 136	9 9	9018143	46 61	8 8
8525883	4	6	8530461	43	2	9018231	130	12
8526034	20 156	20 8	8530475	29	14	9018239	67 67 71 161	5 9 8 8
8526789	89	2	8530476	34	9	9018245	35	10
8526770	14	30	8530487	37	20	9018247	51 159	7 7
8526826	168	19	8530489	149	3	9018252	171	140
8527017	99	19	8530982	22 157	9 6	9018287	39	3
8527202	72	9	8532426	14	40	9018288	141	9
8527376	168	20	8537307	81 87 87	5 6 8	9018300	166	9
8528580	113 115	6 8	8836017	14	38	9018326	171	62A
8528772	68	7	8850255	14	37	9018328	91	1
8528833	123	2	8861523	14	39	9018441	100	23
8529258	119	17	9007575	32	7	9018457	27 65 164	17 15 24
8529275	44	7	9007613	32	8	9018468	80	5
8529392	149	19	9007614	32	9	9018489	45	5
8529417	27	4	9007615	32	10	9018562	45	12
8529444	118	28	9007616	32	11	9018658	89	8
8530353	62	2	9007617	32	12	9018694	171	13C
8530395	39	7	9007618	32	13	9018710	20	24
8530395-3	39	8	9007619	32	14	9018713	102	7
			9007620	32	15	9018720	37	5
			9007621	32	16			

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
8485513	27	9	8522071	72 165	10 11	8524475	114 115	11 1
8515929	127	4	8522099	51 159	9 9	8524476	119	5
8520831	32	1	8522133	120	22	8524478	114	9
8520832	32	2	8522148	21 156	4 19	8524566	97	8
8520833	32	3	8522172	157	7	8524569	114 115	4 10
8520834	32	4	8522196	71	12	8524571	113 115	2 9
8520835	32	5	8522197	26	14	8524572	113	7
8520836	32	6	8522198	26	13	8524573	114	2
8521034	96	2	8522292	89	9	8524576	116	3
8521035	96	1	8523325	124 162	14 7	8524577	117	13
8521036	95	2	8523788	149	18	8524578	116	13
8521037	95	1	8523834	159	3	8524579	116	8
8521038	95	9	8523840-5	65	13	8524647	109 118	10 9
8521039	95	10	8523842	66	5	8524664	72	4
8521040	95	8	8523843	51 64	3 10	8524670	121	6
8521042	96	10	8524218	45 63	3 11	8524671	121	11
8521045	25	6		122 124	2 1	8524694	118	15
8521047	24	19		124 162	1 1	8524695	118	14
8521050	24	21		162 163	10 1	8524778	120	13
8521053	54	2		163 164	1 12	8524790	124	12
8521055	65	10	8524256-15	62	3	8524863	118	12
8521059	27	14	8524256-19	64	6	8524864	118	13
8521061	20	17	8524256-21	66	4	8524874	97	1
8521062	94	15	8524256-23	66	8	8524899	117	18
8521063	94	4	8524256-25	65	8	8524907	122	4
8521069	62	4	8524256-29	63	2	8524921	47	7
8521083	20	13	8524256-33	63	13	8524930	43	7
8521084	20	9	8524256-37	63	20	8524936	97	7
8521088	171	22A	8524256-45	66	1	8524936-3	97	9
8521095	11	3	8524256-51	62	9	8524977	117	5
8521097	171	23A	8524256-57	62	14	8525329	119	10
8521098	49	5	8524256-61	63	16	8525330	119	16
8521636	95 96	11 12	8524256-63	66	9	8525331	119	19
8521830	79	6	8524285	70	1	8525332	119	15
8521883	35	7	8524287	20	5	8525333	119	12
8521884	35	3	8524470	124	16	8525334	119	1
8522069	72 165	12 13	8524470-3	124	19	8525340	119	11
8522070	72 165	13 14				8525357	119	2

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
8030976-1	167	10	8034274	19	3	8163731-2	121	8
8030976-2	167	1	8034291	91	16	8163731-3	121	9
8030978	167	2	8034326	16	1	8163731-4	121	10
8030981	170	16	8034329	93	9	8163763	109	12
8030982	170	14	8034430	16	5	118	118	7
8030983	170	12		53	7	119	119	14
8030984	168	18	8034443	18	8	8163856	122	9
				19	18	8163860	81	4
8030985-1	167	7	8034446	37	24	8163868	149	15
				99	15			
8030985-2	167	8		100	9	8163869	149	16
				100	34			
8030985-3	167	6		103	6	8163877	149	12
				110	10			
8030986	168	10		118	5	8163877-3	149	14
8030988	170	11	8034450	118	33	8164729	97	14
8030989	170	20	8034456	89	10	8164751	24	15
8030990	169	1	8034458	119	9	8164765	24	17
8030991	170	7	8034467	119	7	8165367	153	15
8030992-1	170	10	8034471	119	3	8165693	23	2
						25	25	3
8030992-2	170	3	8034473	118	11	8166002	118	30
8030993	170	9	8034491	111	6	8166102	146	17
8030994	168	24	8034499	100	20	8166146	146	25
8030996	168	22	8034509	140	4	8166147	146	1
8831006	16	2	8034511	19	22	8166270	145	8
8031023	140	3	8034517	100	29	8166278	146	9
				101	10			
8031024	4	8				8166292	146	5
	136	10	8034553	109	2			
8031031	169	13	8034635	53	10	8166293	146	8
8031040	137	6	8034646	53	12	8166296	146	4
8031044	138	3	8134499	152	15	8166313	145	6
8034185	19	1	8162429	20	23	8166466	136	8
8034186	19	4	8162602	118	27	8166516	11	1
8034187	19	9	8162610	119	18	8166828	151	1
8034192	53	1	8162642	20	16	8168351	20	3
8034196	16	4	8162828	21	3	8168689	152	6
	19	7		156	18			
	53	8				8177083	99	30
			8162970	153	13		101	3
8034197	53	4					104	12
8034198	53	6	8163018	151	10			
8034199	53	5	8163092	42	4	8177084	95	12
							96	13
8034200	53	3	8163156	24	18		99	29
							104	16
8034214	18	9	8163307	144	13	8197720	171	28C
	19	19		168	12			
			8163514	149	2	8485097	168	23
8034216	19	12					171	38A
8034218	19	21	8163731-1	121	7	8485438	127	2

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
118P2059452	171	58A	8002258	121	16	8025049	139	1
154982	92	4	8002259	121	4	8025059	140	2
20503-10	98	20	8002260	121	5	8025063	169	5
22W1630	151	6	8002261	120	4	8025064	169	6
400515	89	4	8002261-3	120	5	8025066	140	1
402EN1-6	171	53A	8002262	120	7	8025069	139	8
42C16550	151	9	8002263	120	6	8025082	137	10
501527	117	9	8002264	120	8	8025084	169	3
51521	30	2	8002265	120	2	8025087	137	14
53794	81 87	7 2	8002829	99	21	8025088	169	7
554386-6	111	8	8013860	120	10	8025098	137	12
554413-2	111	9	8014351	152	1	8025383	169	4
562622-1	111	1	8014351-37	152	5	8026258	147 169	2 2
586091	149	13	8014351-39	152	4	8026309	171	34A
587640	108	4	8014352	152	11	8030004	137	13
593763	20	15	8014353	151	2	8030005	171	32A
595195	22	11	8014353-50	151	4	8030041	137	5
6000-04-15	88	3	8014355	152	8	8030044	137	3
6000-4-11	88	7	8014356	152	9	8030045	136	1
6000-4-3	88	8	8014360	153	2	8030846	137	1
6000-4-39	88	5	8014361	153	7	8030899	171	36A
6000-4-4	88	2	8014362	153	6	8030104	171	35A
60000-4-1	88	12	8014574	21 22 156	2 8 17	8030114	19	10
60000-4-6	88	11	8014684	58	16	8030201	171	37A
61-0542-1	141 149 151	3 4 13	8019893	26	22	8030496	95 96 99 103	3 5 38 4
72121-C2216	106	11	8022366	151	8			
7542841	4 14	10 44	8022367	151	5	8030784	137	7
7732863	171	33A	8022570	151	3	8030809	137	4
8002211	79	11	8025012	137	9	8030810	137	2
8002246	121	13	8025016	137	8	8030811	136	2
8002247	121	12	8025031	137	18	8030821	14	41
8002249	121	1	8025043	139	9	8030879	19	8
8002250	121 121	3 15	8025044	139 169	7 11	8030931	137	16
8002252	121	2	8025045	139 140 169	5 6 14	8030932	137	19
8002255	120	9	8025047	139 169	6 12	8030967	137	11
8002256	120	12				8030968	138	6
8002257	120	11	8025048	139 140	4 9	8030969	138	2
						8030970	138	1
						8030974	170	2

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
NAS149DM18	19	6	NAS682A3	123	3	10119289	163	13
NAS1518-4	63	17	NAS75-4-008	112	14	10119290	163	17
NAS1518-6	65	4	NAS950-4	90	5	10119293	166	3
NAS1518-9	64	7	NAS960-416L	34	6	10119297	158	8
NAS221-11	94 122	18 11	RE65G60R4	171	128	10119298	164	21
NAS221-8	39 47 157	1 12 3	RM52LHA300682-02	46	4	10119302	158	14
			RNC70K1211FS	171	59A	10119304	156	16
NAS222-13	27	13	RN70D1004F	171	59B	10119305	156	22
NAS222-14	34	5	RS10-1000HMSPOHM3PCT147		4	10119306	156	23
NAS222-4	150	3	RW56V201	169	8	10119307	158	13
NAS222-5	157	8	SDBX742C16887	152	7	10119308	171	238
NAS222-6	150 150 157	1 2 9	SK22826-1011	108	7	10119309	165	21
			SK22826-1071	108	1	10119314	165	20
NAS222-7	157	5	SS10W100HMSPOHM3PCT	147	5	10119316	159	12
NAS397-8	79	5	WS4	88	1	10228114	19	2
NAS43-3-48	84	14	Y13-12	88	9	10228125	4 16	1 3
NAS43D00-44	171	6A	Y13-5	88	4	10228126	17	2
NAS43D03-40	39	19	Y6000-4-12	88	10	10322489	152	14
NAS43D03-44	40 76	11 6	Y6000-4-810	88	6	10596841-1	99 100 101 101 104 109 110	18 32 8 12 6 6 13
NAS43D03-6	80	26	1M2615	171	60A			
NAS463TDD416	27	5	10018805-008	98	17			
NAS464P12A17	165	2	1005688-1	111	7			
NAS509-6	114 115	3 11	1006288-9	111	5	10602050	18 19	7 17
NAS509-7	110	12	1007092-1	111	4			
NAS513-6	114 115	10 12	1007093	111	3	10602052	18 19	4 14
NAS549-4	30	9	10119272	158	15	10602056	18	2
NAS549-716	158	11	10119273	165	8	10602057-2	18 19	6 16
NAS552-4	100 101	28 11	10119275	155	1			
NAS557-88	91	32	10119276	156	3	10602059	18 19	5 15
NAS601-46	171	1F	10119277	158	10	10602060	18	1
NAS603-128	165	9	10119277-12	164	5	10602061	17	1
NAS620-10L	47	11	10119278	164	10	10602063	18 19	3 13
NAS620-416L	99 100	2 4	10119279	158	9			
NAS620-5	152	3	10119280	161	11	10606512-3	27 65 164	18 14 25
NAS620-6	98	13	10119281	161	1			
NAS620A416L	34	4	10119282	162	9	10611505-1	27	7
NAS680A3	123	4	10119284	154	1	10611506	27	8
			10119285	156	2	10666975	3 41	5 9
			10119287	156	7	107144	152	2
			10119288	163	12			

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
MS35674-13	131	9	MS51967-8	153	9	M8600-20-2	120	19
	133	7						
	133	14	MS51968-14	135	9	M8600-3-3	118	22
				142	8		120	17
MS35674-19	125	4	MS51968-5	79	9	M8600-3-5	120	20
	126	12						
	134	10	MS63040-3	128	8	M8600-4M	118	20
MS35691-33	131	29					120	27
	133	21	MS9025-03	93	3	M8600-7-3	120	25
MS35691-49	130	6	MS90725-108	153	11	M8601-3-6A	118	19
MS35691-53	125	14	MS90725-111	128	11	M8601-7-5	120	32
	130	17						
	132	5	MS90725-112	129	1	M8601-7-6A	120	28
				135	12			
MS35691-9	125	19	MS90725-114	128	15	M8601-7-7	120	31
	132	11						
MS39176-3	80	4	MS90725-117	152	13	M8601-7-8	120	30
MS45901-6	80	13	MS90725-118	131	25	M8700-3-3	118	23
	106	3					120	16
	108	13	MS90725-165	126	6			
				134	4	M8700-3-4	118	21
MS45905S10	130	5					120	18
MS51023-66	26	26	MS90725-172	129	10	M8700-7-3	120	24
				135	16			
MS51023-87	124	2	MS90725-176	129	11	M8700-7-4	120	26
	162	4		135	18			
MS51023-95	65	16	MS90725-3	167	12	M9601-7-1A	120	29
	164	20						
MS51095-388	145	12	MS90725-33	149	5	M9606-3-1A	118	18
	167	14						
			MS90725-36	125	20	M9700-3-1A	120	21
MS51099-158	126	13		128	17	NAS1003-12A	142	12
	133	5		132	12			
			MS90725-60	152	10	NAS108008	63	18
MS51922-1	127	11					64	8
			MS90725-63	153	4		65	5
MS51922-17	125	10				NAS13C6-8	41	16
	131	26	MS90725-70	125	9	NAS1310-21	168	14
	133	25						
MS51922-33	126	6	MS90726-115	135	6	NAS1310-23	144	11
	128	10	MS90726-116	142	9	NAS133050K8161	62	6
	129	20						
	134	6	MS90726-117	131	23	NAS133053K8166	64	3
	135	19						
MS51922-49	126	3	MS90726-3	170	17	NAS1397K3N	57	4
	129	7	MS90726-34	128	20	NAS1397K4N	37	14
	134	3					57	3
	135	13	MS90726-43	133	1		102	13
MS51922-9	128	18	MS90726-59	167	9	NAS1397K9N	91	6
MS51957-17	90	7	MS90726-62	170	8	NAS1397P28	82	13
	118	16						
MS51957-43	26	12	MS90726-64	25	16	NAS1397P6N	36	18
							91	34
MS51957-45	78	12	MS90726-65	167	3	NAS1397P8N	36	20
							91	38
MS51958-62	44	1	MS90726-7	156	6	NAS1397R5	36	19
							91	33
MS51958-63	47	4	MS90726-85	168	7	NAS1397R7	14	35
			MS90726-89	168	17		91	5
MS51958-64	44	9						
MS51966-65	26	25	MS90726-9	31	3	NAS147-20	144	5
MS51967-2	170	6	MS9134-01	100	2			
			MS9725-38	151	12	NAS1473A4	27	2
MS51967-5	151	15						

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
MS35206-246	91	9	MS35207-269	76	5	MS35330-42	108	5
	165	6		84	15		165	5
	171	10						
MS35206-247	36	1	MS35207-282	80	16	MS35330-43	14	21
MS35206-250	40	9	MS35223-62	92	1		14	43
MS35206-260	24	22	MS35265-30	107	12		36	7
MS35206-267	39	10	MS35265-41	111	2		36	23
MS35206-281	170	5	MS35265-44	106	6		38	4
MS35206-284	170	4	MS35266-63	108	8		39	11
MS35206-332	39	18	MS35275-243	100	21		40	7
MS35207-260	171	1M	MS35276-264	79	7		58	7
MS35207-261	14	20	MS35303-64	14	15		60	2
	58	17	MS35333-37	87	7		60	5
MS35207-262	29	4	MS35333-39	171	31C		60	11
	36	24	MS35333-41	106	20		72	2
	55	9	MS35333-77	100	14		72	15
	58	6	MS35335-32	92	2		73	5
	60	1	MS35335-33	167	13		74	7
	73	12		170	18		75	3
	75	12	MS35335-35	167	4		76	2
	78	21	MS35335-36	168	8	MS35330-45	76	8
	79	4	MS35335-37	131	3		77	2
	81	13		131	13		77	16
	99	11		131	22		78	4
	100	18		133	8		78	13
	166	20	MS35335-39	130	7		81	12
MS35207-263	55	2	MS35330-102	80	14		83	3
	58	18		106	2		84	6
	73	10		108	14	MS35330-48	84	11
	78	15	MS35330-136	98	14		84	19
MS35207-264	14	42	MS35330-138	99	10		85	10
	36	8	MS35330-39	100	17		98	6
	38	5	MS35330-40	171	31A	MS35330-46	165	10
	40	8	MS35330-41	81	6		166	18
	60	6	MS35330-42	87	3			
	60	10		91	20			
	72	14		14	8			
	74	8		35	5			
	75	4		36	3			
	75	4		37	16			
	77	1		40	2			
	77	18		41	2			
	77	21		58	2			
	78	3		74	2			
	80	1		75	8			
	80	27		77	7			
	89	6		77	14			
	93	10		78	8			
	99	6		78	18			
	143	11		81	2			
	166	19		82	6			
	168	6		82	10			
				91	8			
MS35207-265	76	1						
	83	8						
	84	5						
	84	20						
	85	11						
	98	7						
	143	9						
	168	3						
MS35207-266	73	6						
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MS35207-268	143	4						
	168	26						

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	
MS25183-28-21P	171	20A	MS27183-6	56 171	13 56	MS3105-14S	98	6	
MS25183-28-21S	171	168	MS27183-8	141	1	MS3106E14S7S	171	40A	
MS25183A16S1S	171	166		157	11	MS3108E16-9P	37	3	
MS25226-2-20	91	25	MS27212-1-20	91	30	MS3134E7-90P	128	23	
	91	26					171	19A	
MS25227-1	91	27	MS27642-33	116	11	MS3137E3S	120	15	
MS25281R11	60	12	MS28775-006	100 110	24 7	MS3137E7-90S	171	14A	
MS25281R2	57	7	MS28775-007	110	6	MS35206-214	73	2	
MS27130-18K	87	10	MS28775-012	103	12	MS35206-215	37	19	
MS27130-21K	72	3		109	4		85	17	
MS27130-22K	122	7	MS28775-111	110	8	91	15		
						106	4		
MS27183-10	31	4	MS28775-112	99	31	166	4		
	127	12		103	15	171	18		
	129	17		104	4				
	145	4		118	3	MS35206-216	84	2	
	167	11				85	1		
	170	19				86	6		
MS27183-12	52	7	MS28775-211	112	10	102	1		
	97	4		103	10	171	18		
	108	2							
	116	4		MS28775-221	109	8	MS35206-225	139	10
	128	1		MS28775-431	112	4	140	5	
	129	4		MS28778-8	99	14	MS35206-227	188	18
	133	2		101	26	MS35206-228	29	8	
	135	3		MS28782-10	112	9	86	3	
	142	7		MS28782-11	119	8	86	11	
	149	6		MS28782-20	119	6	MS35206-229	166	14
	160	3		MS28782-24	119	4	171	1J	
	MS27183-14	14		12	MS28782-26	109	9	MS35206-230	54	3
127		7	MS28782-58	112	3	MS35206-235	87	1	
146		24	MS28782-7	103 110	11 9	MS35206-243	91 91 102	18 14 10	
153		3	MS28782-9	103	14	MS35206-244	24	13	
167		5	MS28809-1	100	19	74	1		
MS27183-15	131	27	MS28932-1	112	11	75	7		
	133	24	MS28932C18-00	112	12	77	8		
	MS27183-16	168	9	MS3102R10SL4P	37	2	77	12	
		128	13	MS3103-16S-1S	171	13J	93	5	
		129	21	MS3103-18-1S	171	13K	14	29	
		131	2	MS3103-28-27S	171	13E	24	2	
		131	14	MS3103-20-29P	171	158	39	16	
		131	21	MS3103-20-29S	171	13M	40	1	
		131	30	MS3103-22-14S	171	138	41	6	
133		18	MS3103-28-12S	171	136	74	11		
133	22	MS3103-28-21P	171	15D	77	22			
135	20	MS3103-28-21S	171	13F	106	18			
152	12				MS35206-246	14	22		
MS27183-21	129	8				37	7		
	135	15				37	15		
	14	10				41	1		
	14	32				58	1		
	37	17				59	6		
	61	12				78	17		
	73	8				81	1		
	84	3				82	8		
	85	4				82	11		
	86	5							
	90	3							
	91	11							
	102	2							
166	2								
171	50								

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
MS21919WOG13	171	48	MS2440004	101	7	MS24694S49	62	11
MS21919WOG3	40	5		104	7		97	2
	41	5	MS2440006	99	16		123	5
	58	13		104	13	MS24694S5	47	1
	99	4	MS2440103	40	10	MS24694S50	22	15
	118	29					23	1
MS21919WOG4	14	24	MS24402-6	96	8		25	2
	74	10					94	16
	75	5	MS24402D6	95	7		123	6
	85	8		96	9		164	4
MS21919WOG5	14	27	MS24621-15	56	14	MS24694S51	62	20
	55	10					77	10
	58	4	MS24621-17	57	1		164	3
	75	1						
	143	5	MS24665-134	107	17	MS24694S53	124	13
	166	11					162	8
MS21919WOG6	24	11	MS24665-149	28	5			
	73	3		110	1	MS24694S54	44	16
	74	9	MS24665-151	51	14	MS24694S56	26	1
	77	4		159	15	MS24694S60	43	1
	82	1						
	83	10	MS24665-153	50	2	MS24694S63	29	12
	84	8		160	11			
	84	16						
	85	7	MS24665-308	112	22	MS24694S93	22	1
MS21919WOG7	14	19	MS24693C272	14	13		150	9
	14	28				MS24694S94	22	6
	24	10	MS24693S271	83	6		124	7
	58	12						
	72	17	MS24693S272	24	9	MS24694S95	63	4
	73	14					164	9
	74	5	MS24693S274	38	13			
	75	10		171	2A	MS24694S98	124	8
	83	9					162	11
	84	13	MS24693S275	28	9			
	85	6				MS250-82-1	91	23
	98	4	MS24693S4	14	33			
	168	27		61	2	MS25036-101	91	22
MS21919WOG8	14	25	MS24693S48	108	19		91	35
	24	16					91	36
	58	8	MS24693S49	93	7		171	28A
	77	15				MS25036-103	36	14
	78	16	MS24693S50	24	14			
	83	4		36	10	MS25036-149	36	15
	85	13		37	11		37	4
MS21919WOG9	14	26		38	2			
	82	4		40	17	MS25036-153	171	28B
	84	17	MS24693S51	36	5			
	98	11				MS25042-22C	91	16
	143	1	MS24694S100	27	3			
MS21920-74R	53	2		45	14	MS25043-20C	85	2
MS21946-6H	103	18	MS24694S122	67	1	MS25043-28C	171	25A
MS24331-1	171	538		67	8			
MS24392D4	100	33		71	7	MS25087-2	35	6
MS24392D6	118	4	MS24694S125	161	6			
MS24393D4	37	21				MS25183-10SL35	171	16E
MS24394D4	101	6		67	2			
	104	8		67	7	MS25183-14S55	171	16H
	110	14		161	5			
MS24394S6	99	33	MS24694S131	67	3	MS25183-16S1P	171	20G
MS24399D3	39	2		67	12			
MS24400D4	99	20		71	10	MS25183-18-1P	171	20D
			MS24694S151	161	4			
				136	4	MS25183-18-1S	171	16D
			MS24694S48	56	10	MS25183-18-4P	171	20C
			MS24694S49	26	19	MS25183-20-29P	171	20E
				57	9	MS25183-20-29S	171	16A
						MS25183-20-12P	171	20F

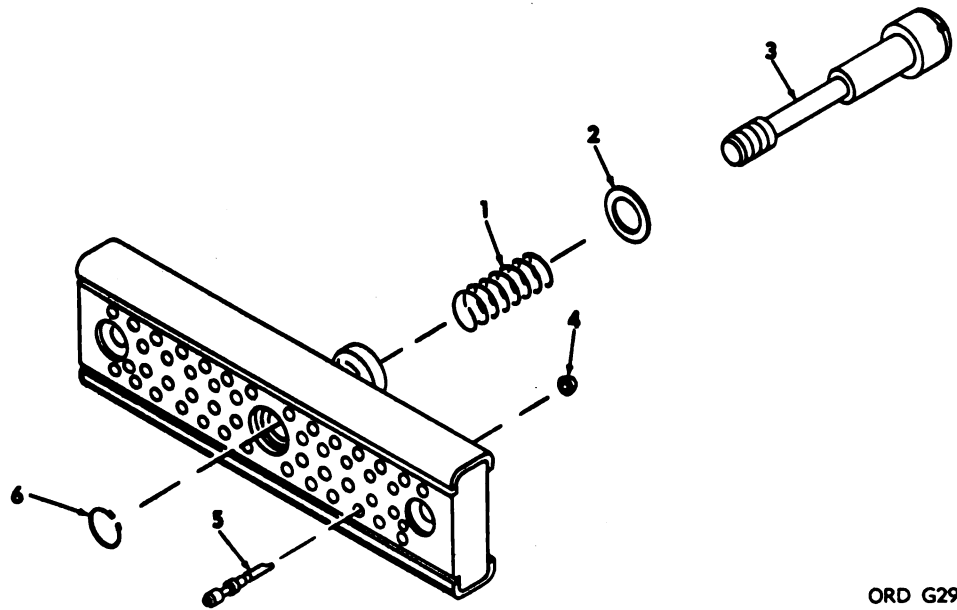
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MS20819-6D	96	15	MS21044N4	20	12	MS21083N06	171	3F
	99	27		27	11			
	104	1A		28	4	MS21083N08	14	18
MS20819-6J	99	37		80	9		24	7
	103	3		98	1		47	3
				100	35		58	5
MS20995C32	51	11		146	7		59	7
							77	19
MS20995C47	17	3	MS21044N5	97	3		91	13
				133	3		93	1
MS21040L4	124	10		136	5		102	12
	162	15		141	4		165	15
MS21042-3	55	6	MS21044N6	145	1	MS21083N3	14	16
				146	16		24	4
MS21042-4	163	15		167	17		55	7
MS21042L08	26	16	MS21044N7	51	5		79	12
				159	5		80	11
MS21042L3	26	3	MS21045-4	159	11		80	19
	26	11					93	8
	44	5	MS21045-5	108	21		94	13
	122	8		149	8		164	13
	128	4	MS21045-6	130	11		171	3A
MS21042L5	20	25				MS21083N4	113	5
	156	13	MS21045C4	160	9		114	5
							115	5
MS21042L6	46	11	MS21047L4	62	12	MS21083N5	51	8
	71	11		124	11		116	1
	161	3		162	13		142	6
				164	17		159	8
MS21044D04	37	18	MS21051L4	62	13	MS21208C0820	14	4
MS21044D3	94	6		124	5	MS21208F4-15	42	5
	94	11		162	5		112	17
				164	19	MS21208F6-15	42	3
MS21044N04	14	31	MS21055L5	122	16		46	10
	61	11		163	4	MS21209F1-15	112	16
	73	7	MS21059L3	46	6		117	8
	84	4		62	19	MS21209F4-20	112	15
	85	3		93	14			
	96	4		164	2	MS21318-15	125	8
	90	2	MS21059L4	80	23		132	3
	91	12		163	8	MS21318-27	170	1
	102	3	MS21059L5	122	13	MS219190G10	168	5
	106	8				MS219190G12	171	4A
	166	1	MS21059L6	25	13	MS219190G15	143	10
	171	3D				MS219190G4	94	9
	171	3G	MS21061L3	86	9		99	5
MS21044N06	83	16		93	15		168	25
	85	16	MS21061L4	80	25	MS219190G6	94	3
	91	3		80	31		94	10
	98	19		122	14		99	3
	139	2		163	6		99	7
	140	8	MS21078-4	63	14	MS21919WDG10	36	9
	166	15		164	7		73	11
	169	9	MS21080-4	63	5		76	4
	171	38		164	13		82	9
	171	3H	MS21083D10	47	10		93	11
MS21044N08	36	12	MS21083D3	100	10	MS21919WDG11	82	12
	37	13				MS21919WDG12	24	3
	38	7	MS21083D6	97	12		60	4
	39	13					82	3
	40	16	MS21083N06	56	5		166	17
	78	7		86	7			
MS21044N3	34	10		92	7			
	44	14		102	9			
	83	12		166	8			
	99	9						
	137	14						
	141	13						
	143	3						
	168	1						

REFERENCE NUMBER	FIG. NO.	ITFM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITFM NO.
AN960PD416	28	3	MS16625-1068	103	24	MS20426AD3-8	124	6
AN960PD416L	27	12	MS16633-1050	131	20		162	6
AN960PD6L	171	5H	MS16997-31	14	7	MS20426AD3-9	27	1
AN960PD716L	37	22	MS16998-96	19	5		45	8
BA485U	4	2	MS171572	50	8		62	15
	80	6		160	15		164	18
B3414	107	20	MS171603	170	13	MS20426AD4-10	44	13
CA3100ER10SL3P	106	7	MS20007-6	146	15	MS20426AD4-5	23	5
DM9606-3P	118	17	MS20002C10	144	12		44	21
FL967-4	45	15		168	13		63	19
GAP4005G	4	3	MS20002C5	48	2		68	5
	79	14		158	6	MS20426AD4-7	123	12
GA10424	3	7	MS20002C6	146	13		26	20
GA18756	3	8	MS20002C7	144	3	MS20426AD4-8	26	23
G220787	172	4	MS20003-2	127	13		45	18
G249871	172	2	MS20005-11	158	5		122	18
G249872	172	6	MS20005H11	48	3		163	5
G311029	172	5	MS20006H17	146	12	MS20426AD4-9	44	23
LSS5MILG3278	22	7	MS20007-19	144	2	MS20426AD6-10	122	5
MILC13777-2-090675	168	21	MS20074-04-05	149	20	MS20426AD6-12	62	16
MS122088	126	10	MS20074-06-07	49	3		65	6
	134	9		158	4		65	1
MS124662	125	12	MS20341-516A	80	15		66	6
	135	11		106	1		123	14
				108	15	MS20426A3-4	61	10
MS124695	45	11	MS20392-2C17	28	7		93	13
MS124739	45	2	MS20392-3C27	51	11	MS20426A4-5	24	20
MS15022	170	15		159	10	MS20426B4-12	25	14
MS15795-707	110	2	MS20392-3C41	98	21	MS20426B4-7	64	12
MS15795-713	22	10	MS20392-6C41	125	18		66	7
				132	9	MS20426B6-12	26	4
MS15795-808	21	5	MS20426AD3-10	45	13	MS20427-4C9	19	11
	47	5						
	128	5	MS20426AD3-5	46	7	MS20470A3-16	99	3
	156	20		61	4			
MS15795-818	50	3		80	22	MS20470A3-3	30	15
	160	12		80	32	MS20601AD4W5	122	15
MS15795-822	165	1		122	17		163	18
MS16562-123	107	21		123	1			
MS16562-250	144	7	MS20426AD3-6	124	3	MS20819-3D	40	13
MS16562-39	26	6		163	7		40	19
MS16562-62	156	24		45	4		41	12
MS16624-1075	151	7		45	6			
MS16624-1106	116	9		46	3	MS20819-4	39	6
MS16624-1206	116	10		62	1			
	117	12		62	10	MS20819-4D	99	28
				63	15		101	4
				64	1		104	11
				93	12			
				124	4	MS20819-4J	101	18
				162	12			
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				46	2	MS20819-6D	95	13

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
AN690-8	47	2	AN960-10L	55	5	AN960-616L	34	2
AN7-11A	51	1		55	8		41	18
	159	1		72	16		49	4
AN7-13A	30	3		73	4		71	3
AN743-12	65	2		74	6		97	11
	94	17		75	2		158	3
	143	8		76	3		161	2
	169	4		76	9	AN960-716	51	4
AN815-4	109	7		77	3		145	11
AN815-6J	103	5		77	17		159	4
AN818-3D	40	14		78	5		167	15
	40	20		78	14			
	41	15		79	3	AN960-8	100	22
AN818-4C	101	17		80	2		106	5
AN818-4D	39	5		80	18	AN960-8L	14	6
	99	26		81	11		24	6
	101	5		83	2		36	2
	104	10		84	7		36	11
AN818-6	95	5		84	12		36	8
	96	3		84	18		37	12
AN818-6C	99	36	AN960-3L	61	7		37	8
	103	2		93	9		37	12
AN818-6D	95	14	AN960-416	94	7		38	8
	96	14		94	12		39	14
	99	25		98	5		40	3
	104	17		99	8		41	3
AN824-3D	41	7		100	16		58	3
AN827-6	95	6		166	12		59	5
AN833-6	118	26		171	58		74	3
AN833-6D	99	17					75	9
	104	14					77	6
AN837-6	118	1					77	13
AN837-6J	104	2					78	9
AN924-6	100	8					78	11
	118	2					78	19
AN924-6J	99	32					81	8
	104	3					82	7
AN929-6J	96	7					91	7
AN960-PD716	79	10					93	2
AN960-10	79	13					102	11
	94	5					108	6
	143	2					165	4
	168	2					171	5E
	171	5A						
AN960-10L	14	17				AN960-816	136	7
	24	5				AN960C416	52	3
	28	6					146	6
	29	3					160	6
	36	6				AN960C416L	43	3
	36	22					100	26
	37	6					101	22
	38	3					101	28
	39	11						
	40	6				AN960C516L	29	9
	44	6					158	1
	55	3				AN960C616L	25	15
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						AN960D8L	26	15
						AN960PD10L	26	2
							26	10
							100	11
							171	5J
						AN960PD1016	20	21
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						AN960PD3	30	17
						AN960PD3L	29	7

SECTION IV. NUMERICAL INDEX

REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.	REFERENCE NUMBER	FIG. NO.	ITEM NO.
AN174-12A	113	1	AN4-11A	112	8 ³	AN5-7A	158	2
	114	1					160	2
	115	3	AN4-13A	20	7	AN501-1-5	120	1
AN174-13A	114	12	AN4-23A	163	10	AN502-10-12	72	1
	115	6	AN4-24A	20	6		118	31
AN174-15A	113	3	AN4-37A	163	11	AN502-416-24	146	10
	114	7				AN503-8-10	118	25
	115	7	AN4-4A	34	8	AN509-416R38	71	6
AN174-20A	114	8		101	21			
	115	2		145	3	AN509-416R5	22	2
				146	11	AN515-2R6	171	1E
AN175-14A	116	5	AN4-5A	34	7	AN515-4-22	171	1C
AN175-16A	116	6		163	16	AN520-10R11	83	1
AN177-5A	30	10	AN4-6A	43	4		84	10
	158	12	AN4-7A	52	6	AN526-1032R7	166	10
AN3-3A	94	1		160	7	AN526-632R8	83	14
	94	8	AN4CH10	80	12		85	14
	157	10	AN4DD447A	107	15	AN526-632R9	171	1A
AN3-4A	76	7	AN4H5A	100	25	AN526-832R4	58	11
	94	19		101	27	AN5650428H10	19	20
	128	9		109	11	AN6-10A	34	3
	141	2		118	6		146	22
AN3-5A	79	16		119	13	AN6-11A	144	10
	94	14	AN4H6A	99	1		168	16
AN3-6A	94	2		100	3	AN6-12A	14	9
	128	6	AN4062-11	152	16	AN6-13A	71	4
AN3C3A	21	6	AN438C6A	28	2		161	10
	156	21	AN44-5	51	10	AN6-7A	97	10
AN3C4A	44	8	AN46-14	71	2	AN6227-59	138	5
AN3C6A	37	10	AN5-10A	25	4	AN6227836	111	10
AN3H5A	100	12	AN5-13A	97	5	AN6227858	138	4
	117	2	AN5-5A	128	3	AN628884		--
AN3J	50	7	AN5-6A	29	13			
	160	17		149	7			
AN3J2	107	18	AN5-7A	29	10			
AN3J20				52	4			
AN3432-6-10	87	6						
AN3432	52	2						



ORD G294856

1	SPRING 9981373.....	1
2	WASHER G249871.....	1
3	SCREW 9981372.....	1
4	RING G220787.....	48
5	CONTACT G311029.....	48
6	RING G249872.....	1

FIGURE 172. CONNECTOR, PLUG, ELECTRICAL /9033947/
/SEE FIGURE 174 FOR NEXT HIGHER ASSEMBLY/

LEAD, CABLE OR WIRING HARNESS APPLICATION

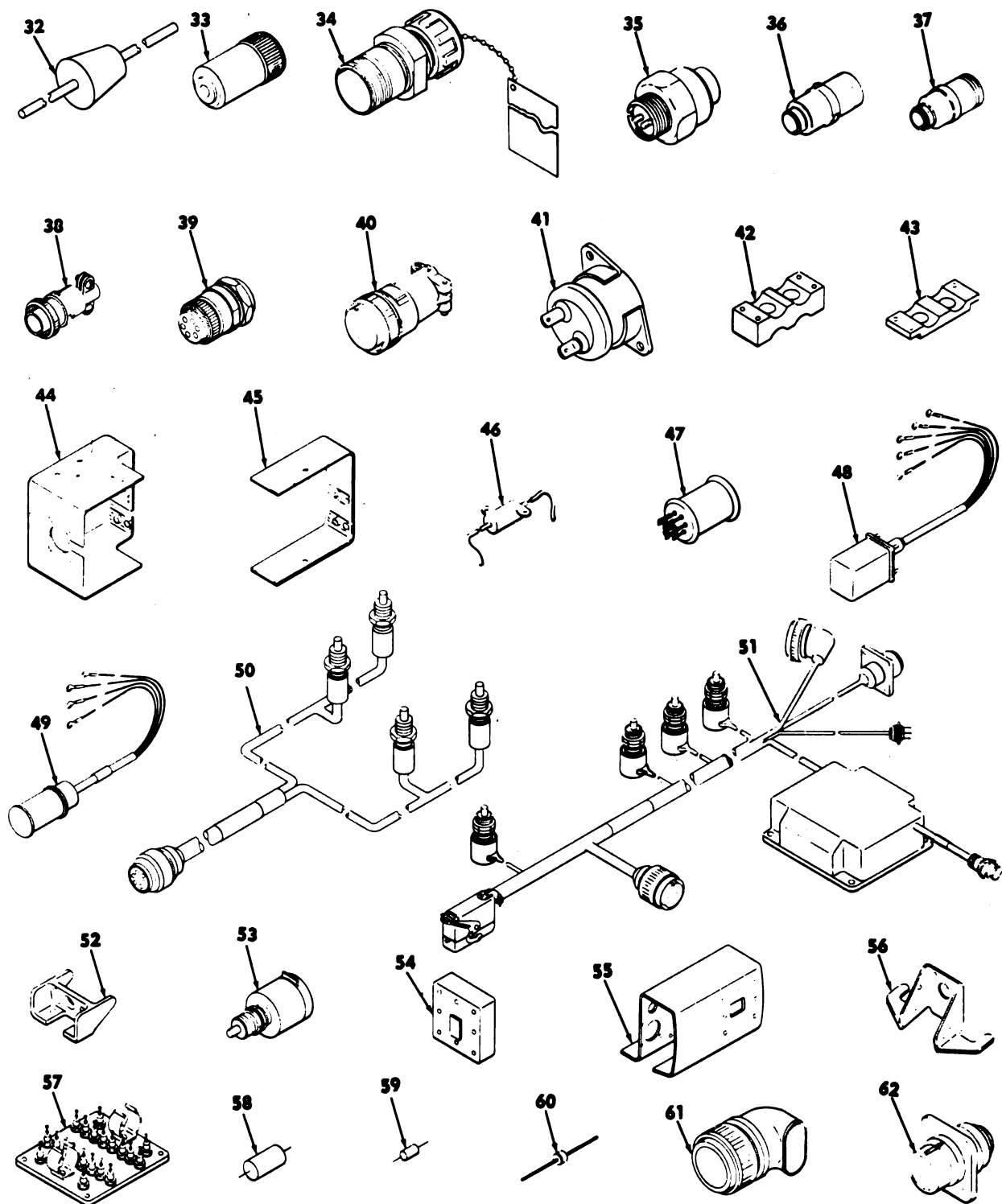
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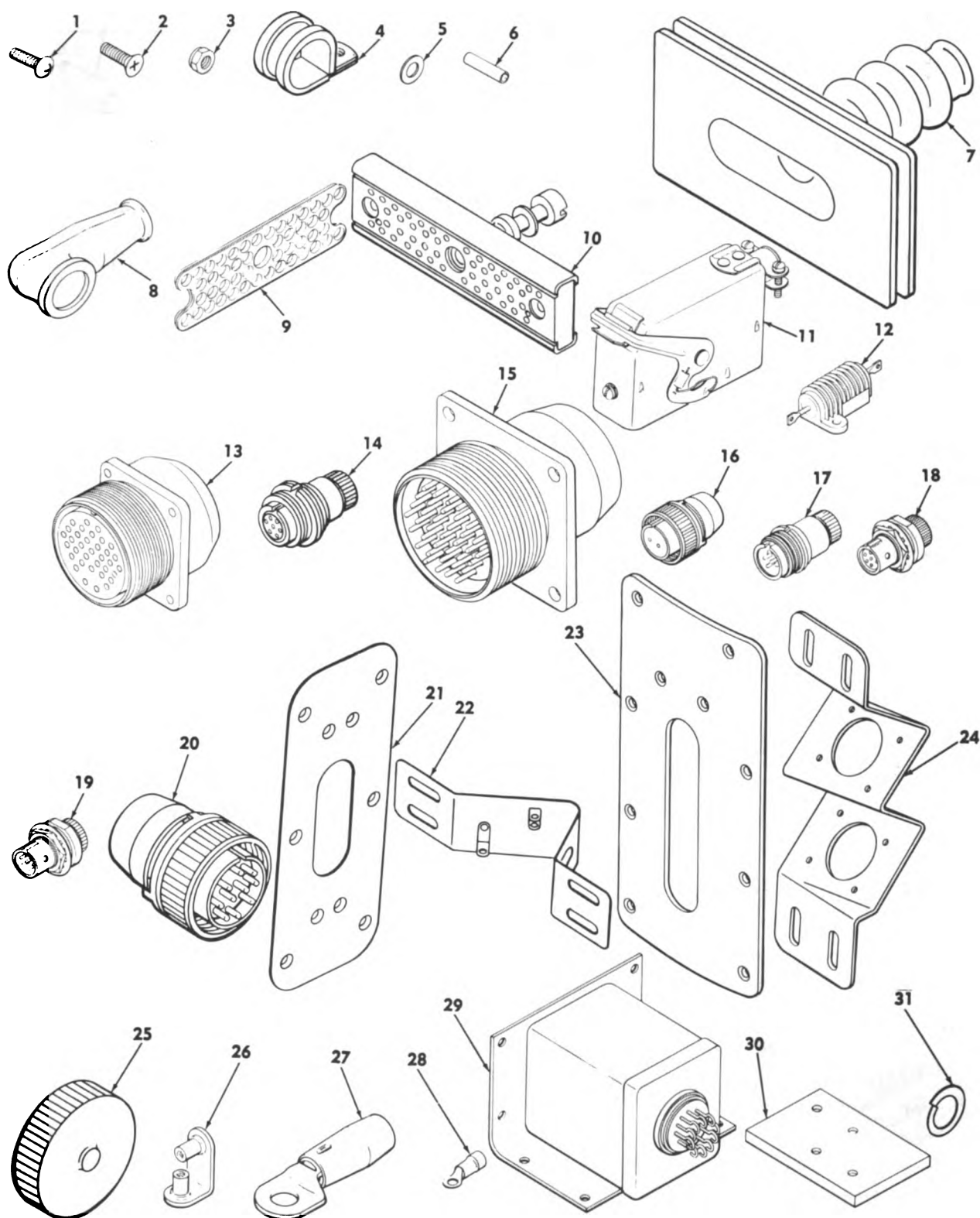
LEAD, CABLE OR WIRING HARNESS APPLICATION

LEAD, CABLE OR HARN. NO.	PART NO.	FOR NEXT HIGHER ASSEMBLY SEE FIG.	ITEM NUMBER AND QUANTITY																										
			1										2		3					4		5							
			A	B	C	D	E	F	G	H	J	A	A	B	C	D	E	F	G	H	A	B	A						
1	9020714	14		4						4	8	4							8	4									
2	9979465	60	2			1							10	6							2	1	6						
3	9979466	60	8										12	4	8								2						
4	8530408	38		4												4													
5	9019804	85			4											4													
6	9019720	86					2	4									4	2	4										
7	10119309	165	8										12	4	8														
			5										6		7		8		9		10		11		12		13		
			B	C	D	E	F	G	H	J	A	A	B	A	A	A	A	B	A	E	A	B	C						
1	9020714	14			8					4	8								1										
2	9979465	60				1							1				1	1											
3	9979466	60	2	8									1									1							
4	8530408	38			4													1											
5	9019804	85			4						4									4									
6	9019720	86			4		2	8													1								
7	10119309	165	4	8									1									1							
8	8530418	58												1															
9	9028003	75												1															
10	9019903	98														2													
13	9019684	83																				1							
14	9019685	86																					1						
15	9019686	83																							1				
16	9028007	85																				1							
			13								14				15				16										
			D	E	F	G	H	J	K	L	A	B	C	D	A	B	C	D	A	B	C	D	E						
1	9020714	14															1			1									
2	9979465	60																		1	1								
3	9979466	60															1						1						
4	8530408	38																1			1			1					
5	9019804	85	1	1																									
7	10119309	165															1					1							
8	8530418	58												2															
11	9028001	78											3																
12	9028260	55 & 165											1																
15	9019686	83															1												
17	9028009	83			1																								



ORD G336928

FIGURE 171. WIRING HARNESSES AND CABLE ASSEMBLIES
/SFE PAGES 3-163 THRU 3-165 FOR ITEM NUMBER AND QUANTITY PER HARNESS AND ASSEMBLIES/

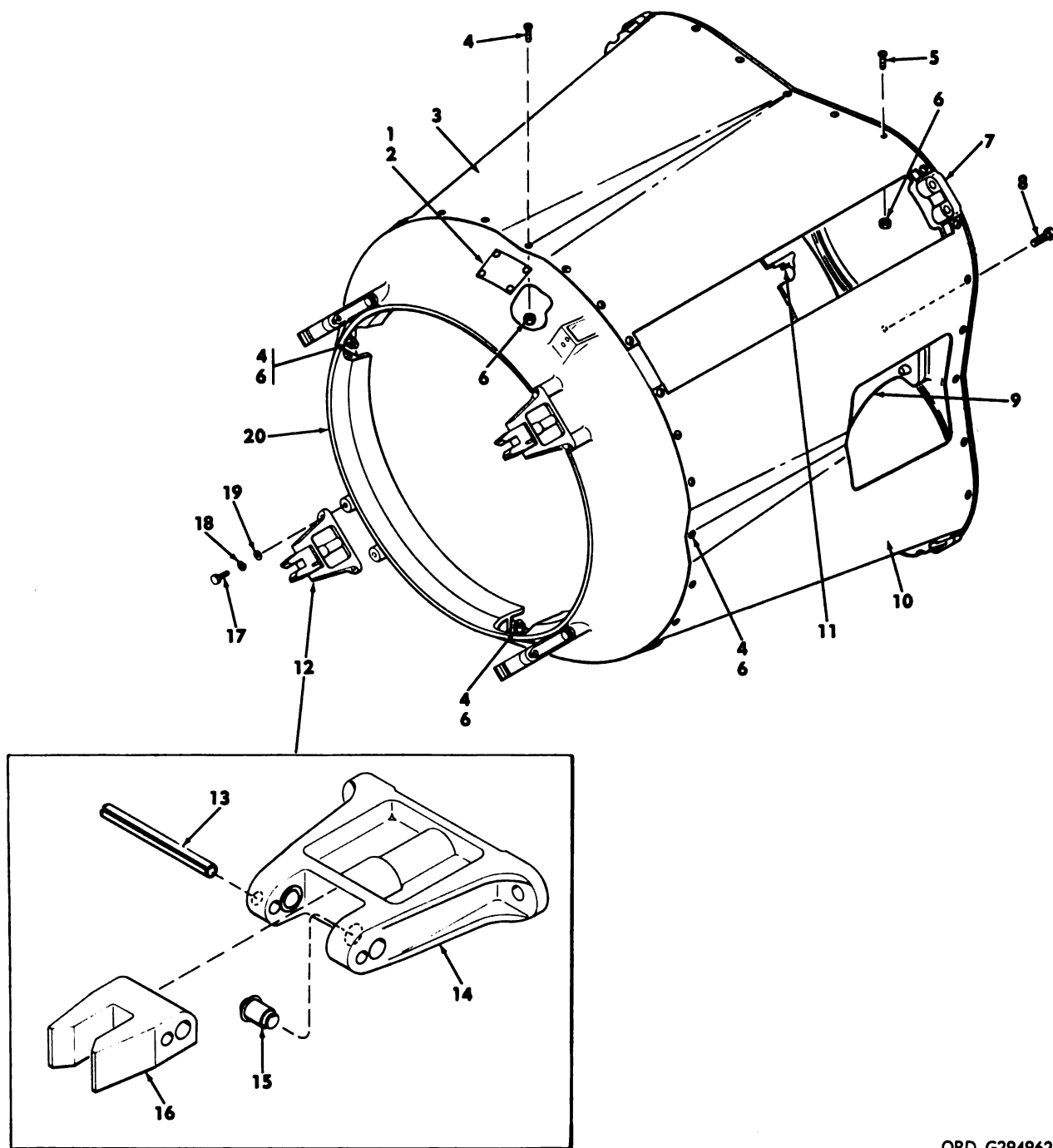


ORD G294854

FIGURE 171. WIRING HARNESSES AND CABLE ASSEMBLIES
/SEE PAGES 3-163 THRU 3-165 FOR ITEM NUMBER AND QUANTITY PER HARNESS AND ASSEMBLIES/

1A	SCREW	AN526-632P9.....	13H	CONNECTOR	MS3103-20-29S....	28A	TERMINAL	MS2503A-101.....
1B	SCREW	MS35206-216.....	13J	CONNECTOR	MS3103-16S-1S....	28B	TERMINAL	MS2503A-153.....
1C	SCREW	AN515-4-22.....	13K	CONNECTOR	MS3103-18-1S....	28C	TERMINAL	9197720.....
1D	SCREW	MS35206-246.....	13L	CONNECTOR	9020690.....	29A	RELAY ASSEMBLY	9029414.....
1E	SCREW	AN515-286.....	14A	CONNECTOR	MS3137E7-50S....	30A	PLATE	9029110.....
1F	SCREW	NAS601-46.....	14B	CONNECTOR	9020689.....	31A	WASHER	MS3533A-47.....
1G	SCREW	MS35206-215.....	14C	CONNECTOR	9020687.....	31B	WASHER	MS3533A-39.....
1H	SCREW	MS35207-260.....	14D	CONNECTOR	9018252.....	31C	WASHER	MS3533A-39.....
1J	SCREW	MS246935274.....	15A	CONNECTOR	9026135.....	32A	INSULATOR	8030005.....
2A	SCREW	MS246935274.....	15B	CONNECTOR	MS3103-20-29P....	33A	ACCESSORY	7732863.....
3A	NUT	MS21083N3.....	15C	CONNECTOR	9022047.....	34A	PLUG	8026309.....
3B	NUT	MS21044N06.....	15D	CONNECTOR	MS3103-28-21P....	35A	CONNECTOR	9030104.....
3C	NUT	MS35649-242.....	16A	CONNECTOR	MS25183-20-29S.....	36A	CONNECTOR	8030099.....
3D	NUT	MS21044N04.....	16B	CONNECTOR	MS25183-28-21S.....	37A	PLUG	9030201.....
3E	NUT	MS35649-222.....	16C	CONNECTOR	9026726.....	38A	CONNECTOR	8485097.....
3F	NUT	MS21083N06.....	16D	CONNECTOR	MS25183-18-1S....	39A	CONNECTOR	9020691.....
3G	NUT	MS21044N04.....	16E	CONNECTOR	MS25183-10SL3S.....	40A	CONNECTOR	MS3106F14575.....
3H	NUT	MS21044N06.....	16F	CONNECTOR	902616A.....	41A	THERMOSTAT	9978711.....
4A	CLAMP	MS219190G12.....	16G	CONNECTOR	MS25183-16S1S....	41B	THERMOSTAT	9032032.....
4B	CLAMP	MS219190G13.....	16H	CONNECTOR	MS25183-14S4S....	42A	SUPPORT	9019700.....
5A	WASHER	AN960-10.....	17A	CONNECTOR	9020686.....	43A	SUPPORT	9019701.....
5B	WASHER	AN960-10L.....	18A	CONNECTOR	9020689.....	44A	SUPPORT ASSEMBLY	9019702.....
5C	WASHER	AN960-AL.....	18B	CONNECTOR	9020730.....	45A	SUPPORT	9019699.....
5D	WASHER	MS27183-4.....	19A	CONNECTOR	MS3134F7-50P.....	46A	RESISTOR	9019838.....
5E	WASHER	AN960-AL.....	20A	CONNECTOR	MS25183-28-21P.....	47A	RELAY	9026728.....
5F	WASHER	AN960D2.....	20B	CONNECTOR	9026506.....	48A	WIRING HARNESS	9019679.....
5G	WASHER	MS27183-6.....	20C	CONNECTOR	MS25183-18-4P....	49A	WIRING HARNESS	9019680.....
5H	WASHER	AN960PD6L.....	20D	CONNECTOR	MS25183-18-1P....	49B	WIRING HARNESS	9019691.....
5J	WASHER	AN960PD10L.....	20E	CONNECTOR	MS25183-20-29P.....	49C	WIRING HARNESS	9019687.....
6A	SPACER	NAS43000-44.....	20F	CONNECTOR	MS25183-28-12P.....	49D	WIRING HARNESS	9019693.....
7A	ROOT	9028335.....	20G	CONNECTOR	MS25183-16S1P....	50A	WIRING HARNESS	9020712.....
7B	ROOT	9028336.....	21A	DOOR ASSEMBLY	8530400.....	51A	WIRING HARNESS	9020711.....
8A	CABLE NIPPLE	9978543.....	22A	BRACKET ASSEMBLY	8521088.....	52A	BRACKET	9020698.....
9A	GASKET	9028455.....	23A	DOOR	8521097.....	53A	SWITCH	402F41-6.....
10A	CONNECTOR	9033947.....	24A	BRACKET	8530412.....	53B	SWITCH	MS24331-1.....
SEE FIGURE 172 FOR DETAILS			25A	COVER	MS25043-28C.....	54A	SWITCH ASSEMBLY	9030028.....
11A	CONNECTOR	9157605-13.....	26A	BRACKET	9019631.....	55A	BRACKET	9020705.....
11B	CONNECTOR	9191910.....	27A	TERMINAL	9018799.....	56A	BRACKET	9019942.....
12A	RESISTOR	9033863.....	27B	TERMINAL	9018798.....	57A	TERMINAL BOARD ASSEMBLY	9020710.....
12B	RESISTOR	RF65G60R4.....				58A	CAPACITOR	11AP20594S2.....
13A	CONNECTOR	9026136.....				59A	RESISTOR	RNC70R1211FS.....
13B	CONNECTOR	MS3103-22-14S....				59B	RESISTOR	R47001004F.....
13C	CONNECTOR	9018694.....				60A	INDUCTOR	IN2615.....
13D	CONNECTOR	9026153.....				61A	CONNECTOR	9978101.....
13E	CONNECTOR	MS3103-20-27S....				62A	CONNECTOR	9018326.....
13F	CONNECTOR	MS3103-28-21S....						
13G	CONNECTOR	MS3103-28-12S....						

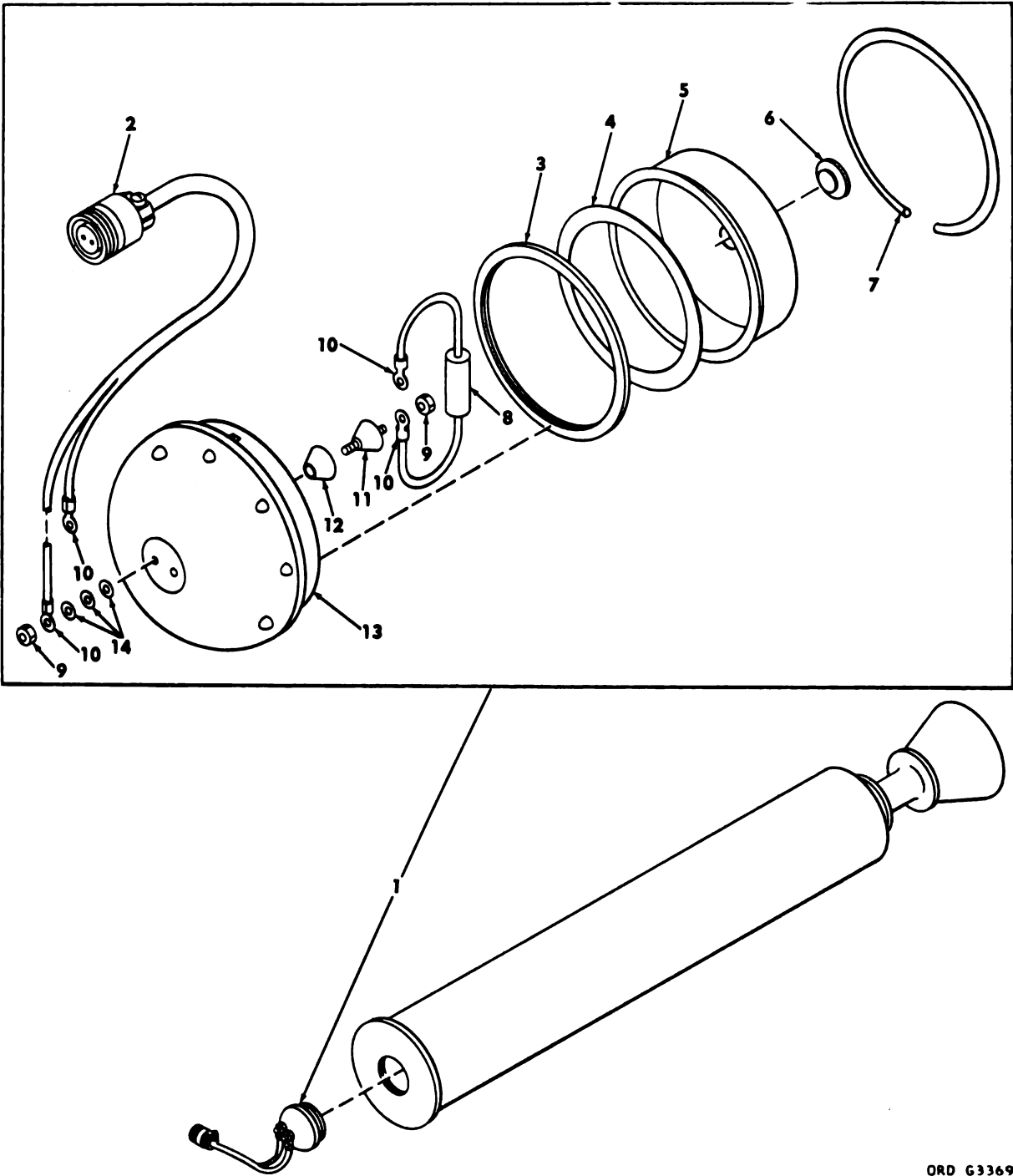
FIGURE 171. WIRING HARNESSES AND CABLE ASSEMBLIES
/SEE PAGES 3-163 THRU 3-165 FOR ITEM NUMBER AND QUANTITY PER HARNESS AND ASSEMBLIES/



ORD G294962

1	SCREW MS2131R-27.....4	8	SCREW MS90726-62.....4	14	BRACKET 8030982.....1
2	PLATE 8030974.....1	9	PEDESTAL 8030993.....1	15	CATCH MS15022.....1
3	FAIRING 8030992-2.....2	10	FAIRING 8030992-1.....2	16	FORK 8030981.....1
4	SCREW MS35206-284.....4	11	RUBBER STRIP 8030988.....3	17	SCREW MS90726-3.....8
5	SCREW MS35206-281.....52	12	ELEVON LOCK ASSEMBLY 8030983.....4	18	WASHER MS35335-33.....8
6	NUT MS51967-2.....54	13	PIN MS171603.....1	19	WASHER MS27183-10.....8
7	BASE PLATE 8030991.....1			20	RING 8030989.....1

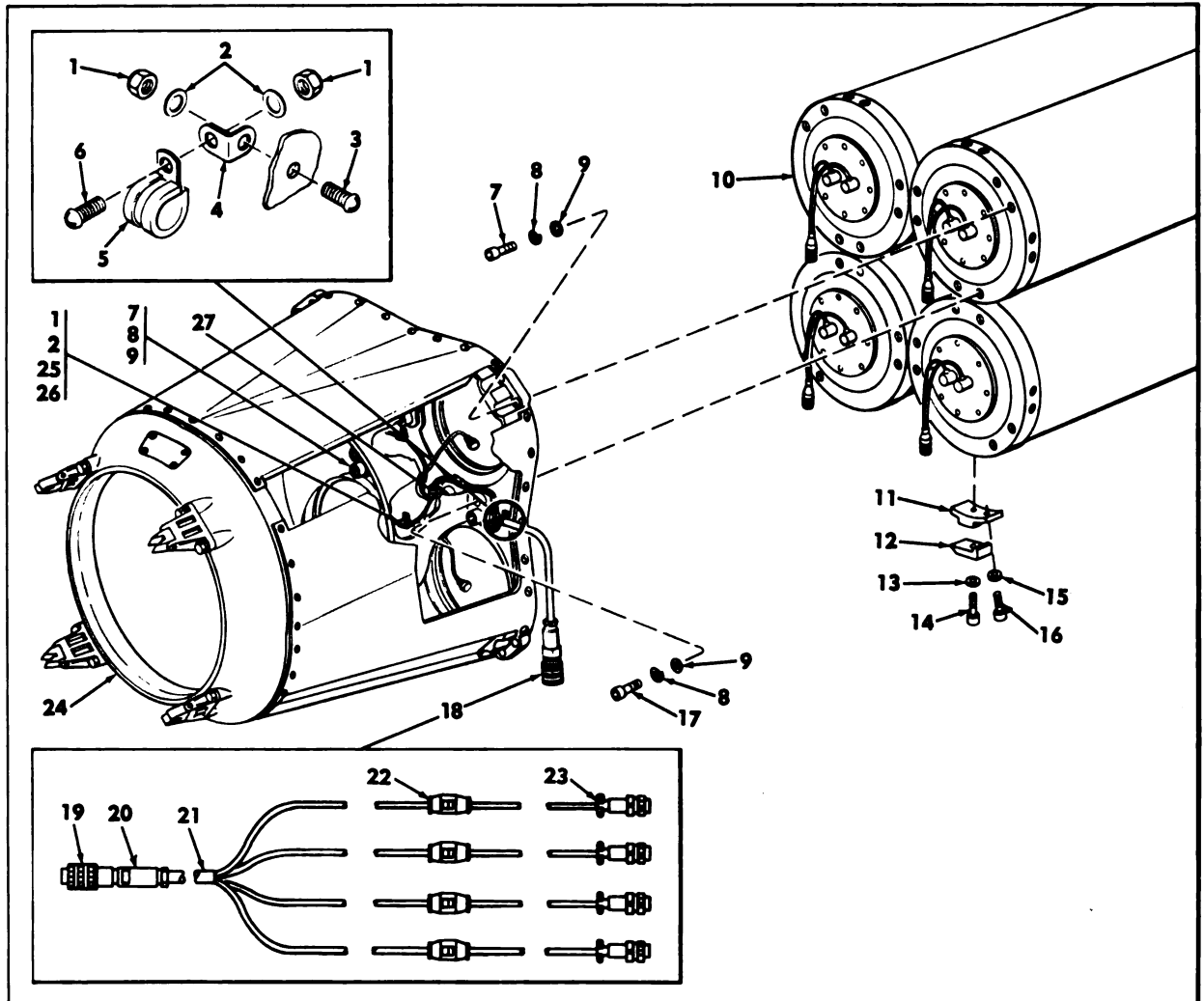
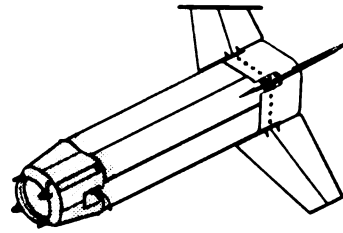
FIGURE 170. FITTING ASSEMBLY, THRUST, BOOSTER /8030994/
/SEE FIGURE 168 FOR NEXT HIGHER ASSEMBLY/



ORD G336917

1	IGNITER ASSEMBLY 8030990.....1	6	PLUG 8025064.....1	11	BOLT 8025044.....2
2	CONNECTOR 8026258.....1	7	RING 8025088.....1	12	INSULATOR 8025047.....2
3	GROMMET 8025084.....1	8	RESISTOR RW56V201.....1	13	IGNITER HEAD 8031031.....1
4	GASKET 8025387.....1	9	NUT MS21044N06.....4	14	GASKET 8025049.....6
5	CUP 8025063.....1	10	TERMINAL MS35436-4.....4		

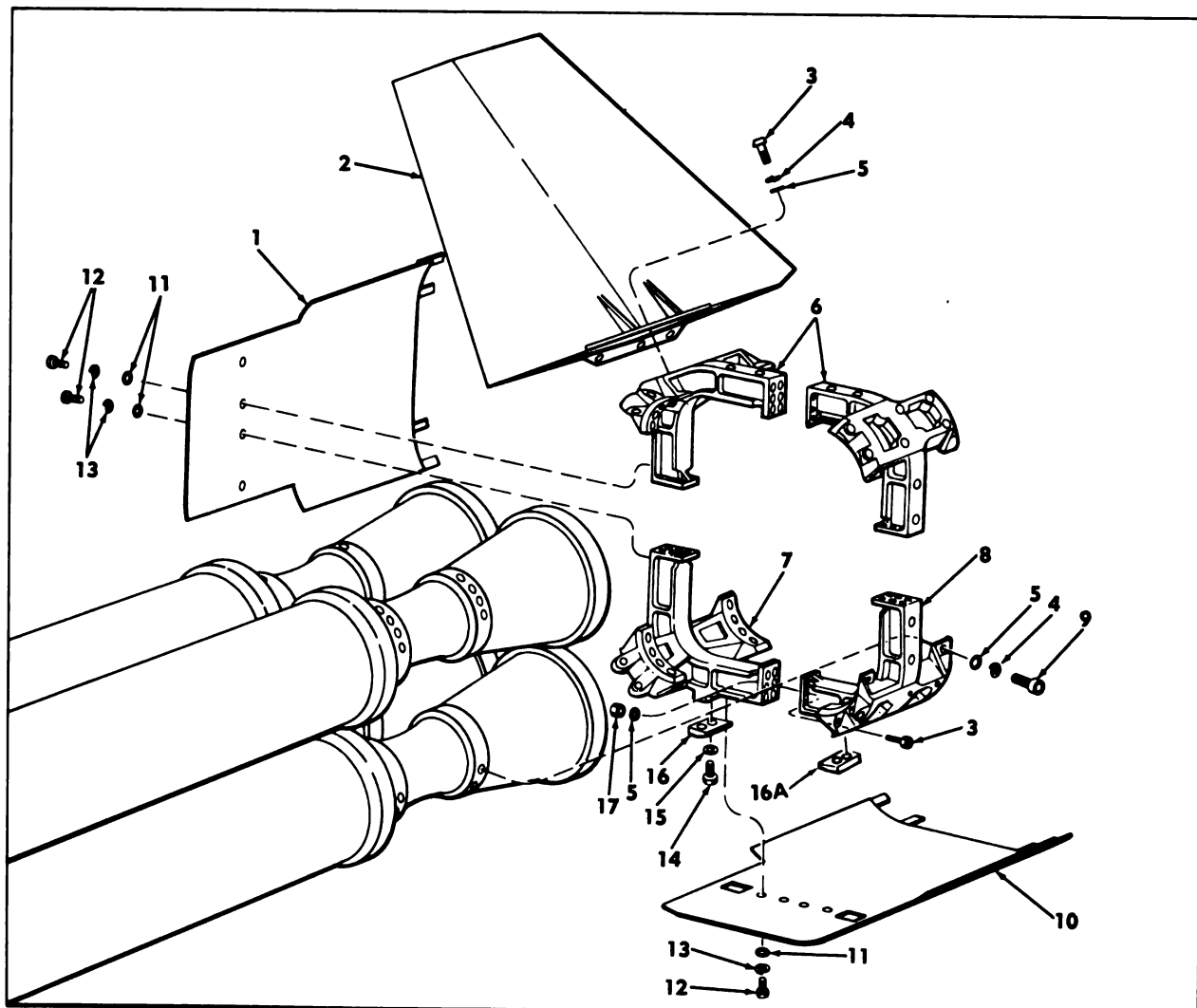
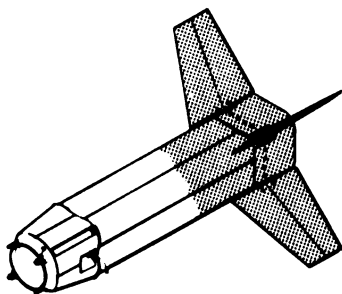
FIGURE 169. ROCKET MOTOR, TRAINING FOR M29 TRAINER, ASSEMBLY /8030986/
/SEE FIGURE 168 FOR NEXT HIGHER ASSEMBLY/



ORD G336916

1 NUT MS21044N3.....5	11 SLIPPER ASSEMBLY #525861....2	20 ADAPTER #527376.....1
2 WASHER AN960-10.....5	12 BAR #163507.....2	21 CABLE MILC13777-2-090675.....*
3 SCREW MS35207-265.....1	13 WASHER MS20002C10.....2	22 SWITCH 8030996.....4
4 BRACKET AN743-12.....1	14 BOLT NAS1310-21.....2	23 CONNECTOR 8485097.....4
5 CLAMP MS21919DG10.....1	15 WASHER AN960-616.....2	24 FITTING ASSEMBLY 8030994.....1
6 SCREW MS35207-264.....1	16 BOLT AN6-11A.....2	SEE FIGURE 170 FOR DETAILS
7 SCREW MS90726-85.....16	17 SCREW MS90726-89.....8	25 CLAMP MS21919DG4.....2
8 WASHER MS35335-36.....24	18 HARNESS ASSEMBLY 8030984.....1	26 SCREW MS35207-268.....3
9 WASHER MS271A3-16.....24	19 CONNECTOR 8526826.....1	27 CLAMP MS21919WOG7.....2
10 ROCKET MOTOR 90309A6.....4		
SEE FIGURE 169 FOR DETAILS		

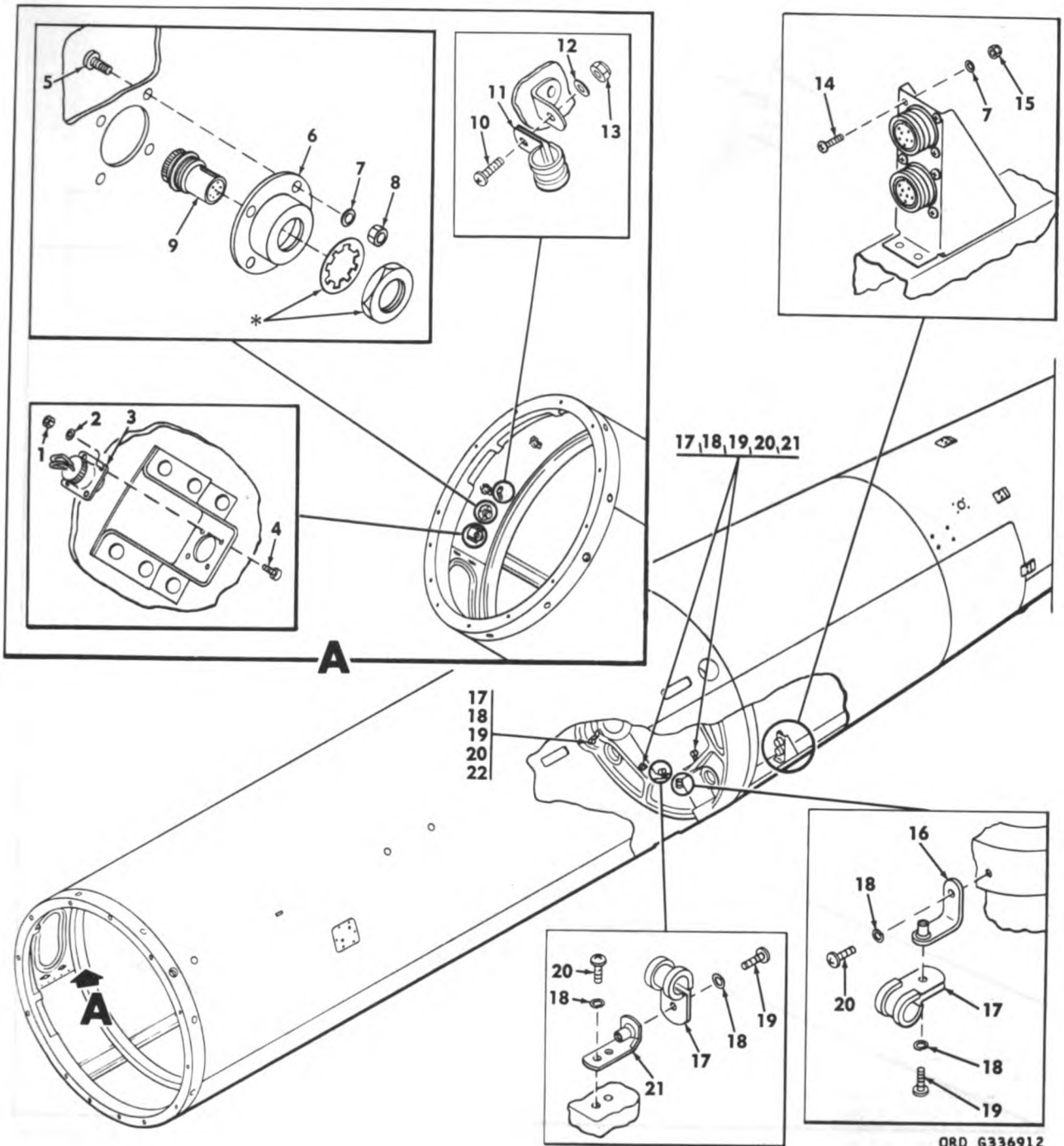
FIGURE 16A. ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/



ORD G294960

1 FAIRING 8030976-2.....3	7 FITTING 8030985-1.....1	13 WASHER MS35335-33.....16
2 FIN ASSEMBLY 8030978.....4	8 FITTING 8030985-2.....1	14 SCREW MS51095-388.....4
3 SCREW MS90726-65.....48	9 SCREW MS90726-59.....32	15 WASHER AN960-716.....4
4 WASHER MS35335-35.....56	10 FAIRING 8030976-1.....1	16 PLATE 9978991-2.....1
5 WASHER MS27183-14.....80	11 WASHER MS27183-10.....16	16A PLATE 9978991-1.....1
6 FITTING 8030985-3.....2	12 SCREW MS90725-3.....16	17 NUT MS21044N6.....24

FIGURE 167. ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/

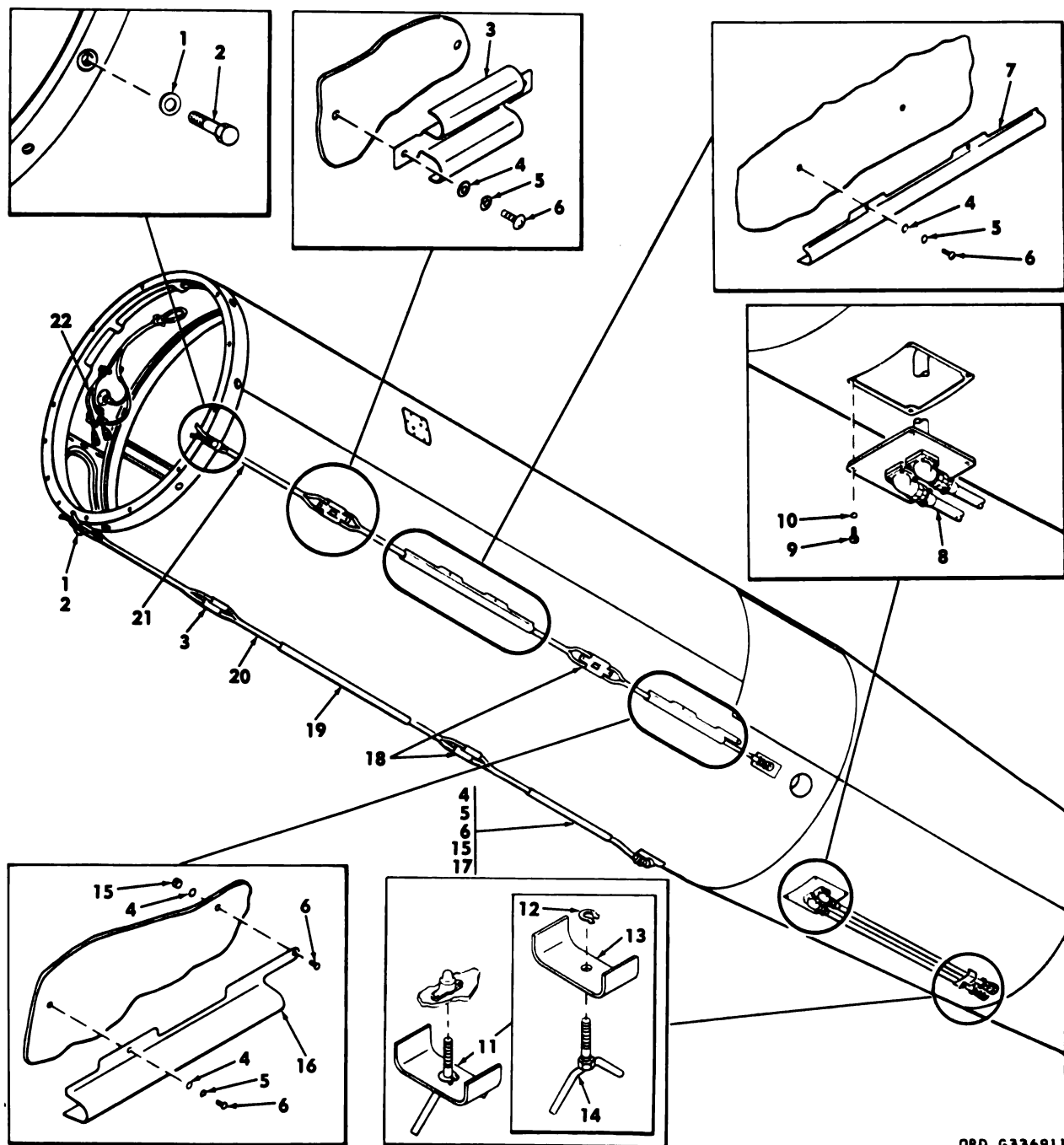


ORD 6336912

1 NUT MS21044N04.....4	10 SCREW AN526-1032R7.....1	19 SCREW MS35207-264.....5
2 WASHER MS271A3-4.....4	11 CLAMP MS21919WDG5.....1	20 SCREW MS35207-262.....8
3 DUMMY CONNECTOR 10119293.....1	12 WASHER AN960-101.....1	21 BRACKET 9028057.....3
4 SCREW MS35206-215.....4	13 NUT MS210A3N7.....1	22 BRACKET 9028320.....1
5 SCREW MS35206-230.....4	14 SCREW MS35206-229.....8	
6 HOUSING 9031246.....1	15 NUT MS21044N06.....8	
7 WASHER AN960-6L.....12	16 BRACKET 9028058.....1	
8 NUT MS210A3N06.....4	17 CLAMP MS21919WDG12.....5	
9 CONNECTOR 9018300.....1	18 WASHER MS35338-43.....13	

* FURNISHED WITH ITEM 9

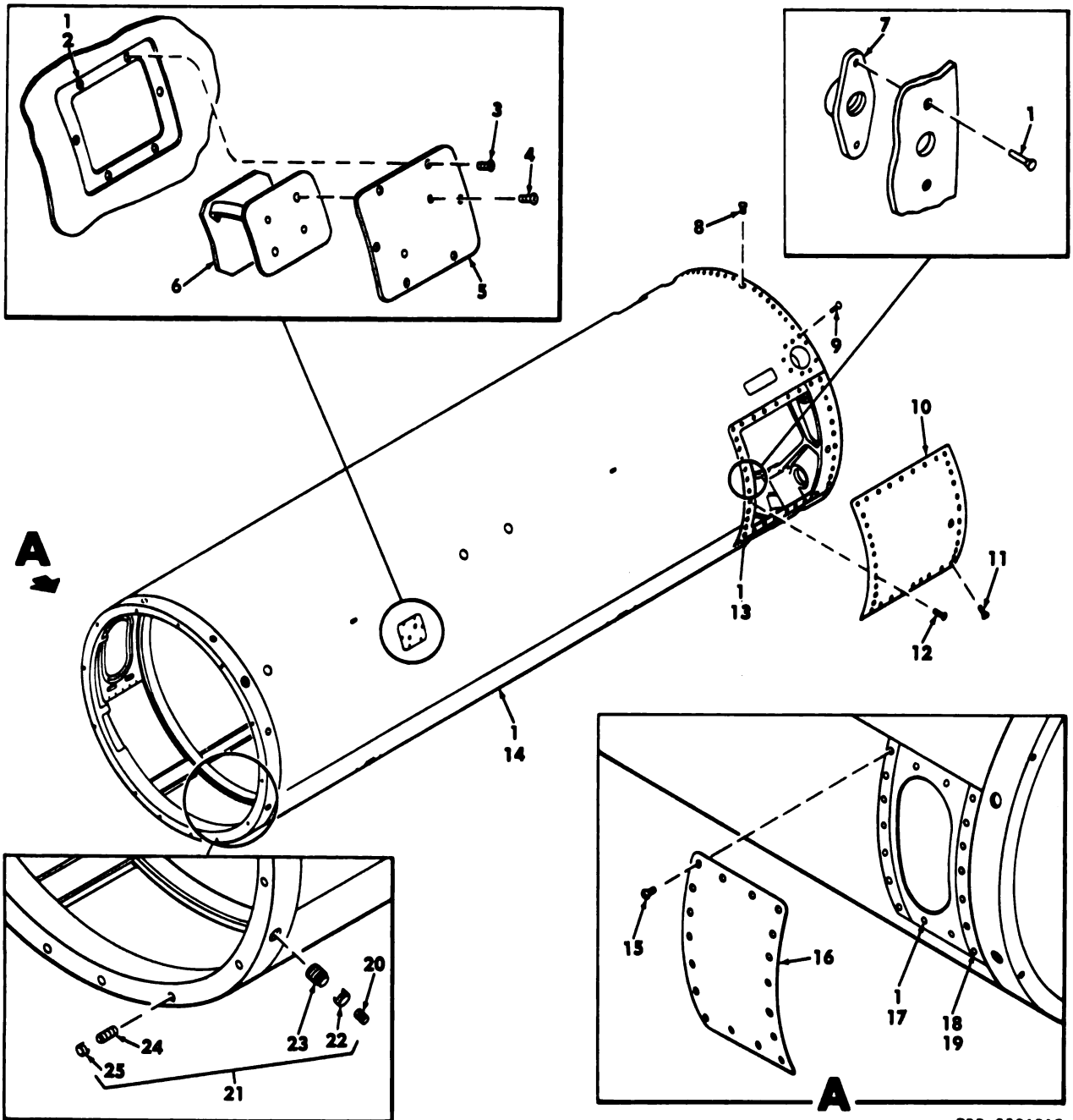
FIGURE 166. ELECTRICAL INSTALLATION, TRAINER, GUIDED MISSILE /10119272/



ORD G336911

1 WASHER MS15795-822.....2	10 WASHER MS35338-43.....1	19 SUPPORT 9019535.....1
2 BOLT NAS464P12A17.....2	11 CLAMP R522071.....1	20 CABLE ASSEMBLY 10119314.....1
3 SPACER 902A431.....2	12 RING 9020593.....1	21 WIRING HARNESS 10119309.....1
4 WASHER AN960-8L.....16	13 STRAP R522069.....1	SEE FIGURE 171, NUMBER 7
5 WASHER MS35338-42.....14	14 THUMBSCREW R522070.....1	FOR DETAILS
6 SCREW MS35206-246.....16	15 NUT MS21083N08.....2	22 WIRING HARNESS 9028260.....1
7 SUPPORT 9019536.....1	16 SUPPORT 9019534.....1	SEE FIGURE 171, NUMBER 12
8 CABLE ASSEMBLY 10119273.....1	17 SUPPORT 9019537.....1	FOR DETAILS
9 SCREW NAS603-12B.....4	18 SPACER 9028412.....2	

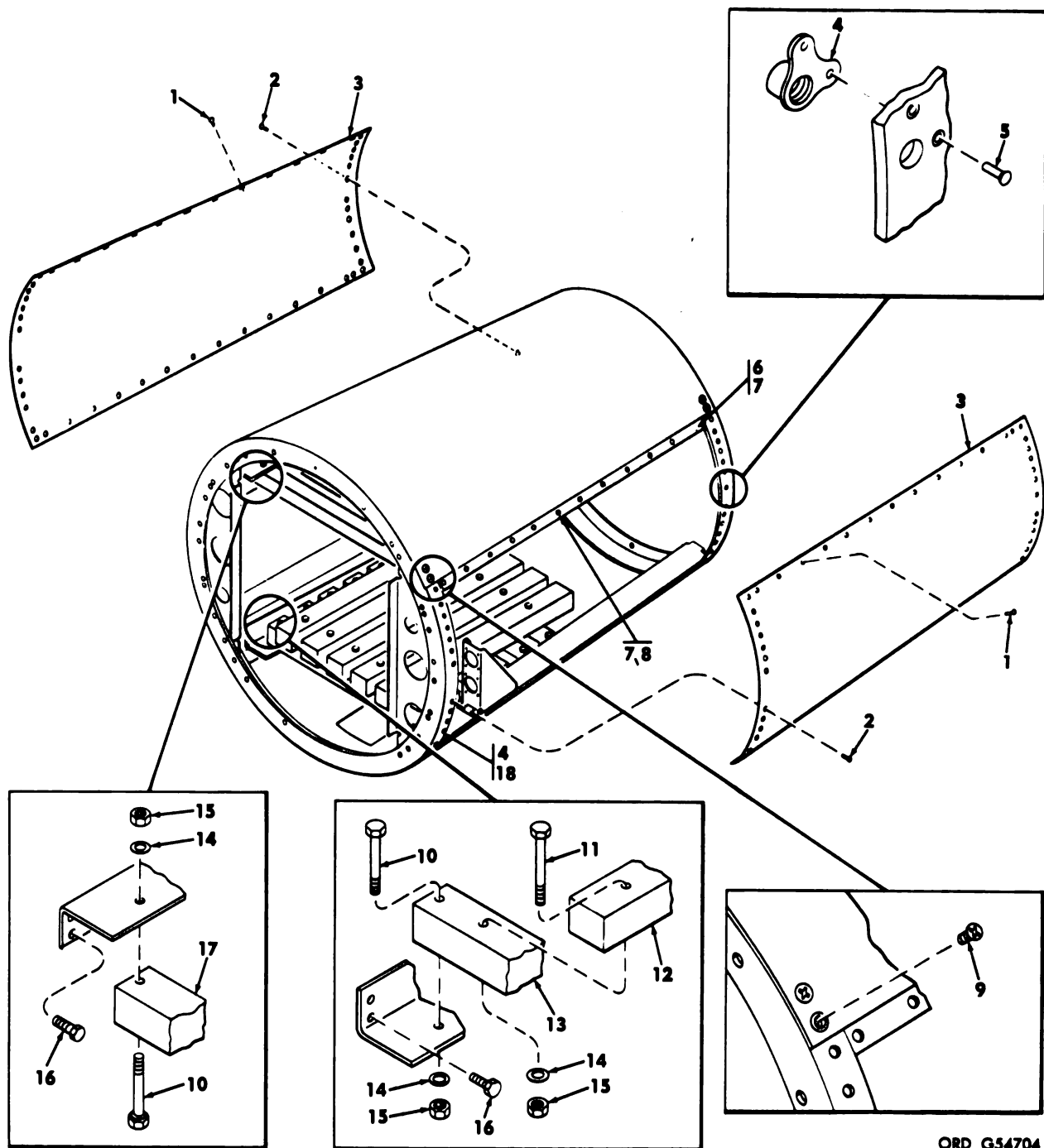
FIGURE 165. ELECTRICAL INSTALLATION, TRAINER, GUIDED MISSILE /10119272/
/SEE FIGURE 15A FOR NEXT HIGHER ASSEMBLY/



ORD 6336915

1 RIVET MS20426AD3-6.....156	10 COVER 10119278.....2	19 NUT MS21051L4.....2
2 NUT MS21059L3.....12	11 SCRFW 9028322.....30	20 SETSCREW MS51023-95.....8
3 SCREW MS24694S51.....12	12 SCREW MS2421A.....48	21 FRAME ASSEMBLY 10119298.....1
4 SCREW MS24694S50.....4	13 NUT MS21080-4.....8	22 RING 9018928.....8
5 DOOR 10119277-12.....7	14 NUT 9026134.....14	23 INSERT 9020581.....8
6 PLATE ASSEMBLY 9019876.....2	15 SCREW 902845A.....18	24 INSERT 9018457.....13
7 NUT MS2107A-4.....40	16 COVER 901963A.....1	25 RING 10606512-3.....13
8 PLUG 9978716.....3	17 NUT MS21047L4.....9	
9 SCREW MS24694S95.....70	18 RIVET MS20426AD3-9.....14	

FIGURE 164. STRUCTURE ASSEMBLY, ENGINE SECTION /10119277/
/SEE FIGURE 158 FOR NEXT HIGHER ASSEMBLY/



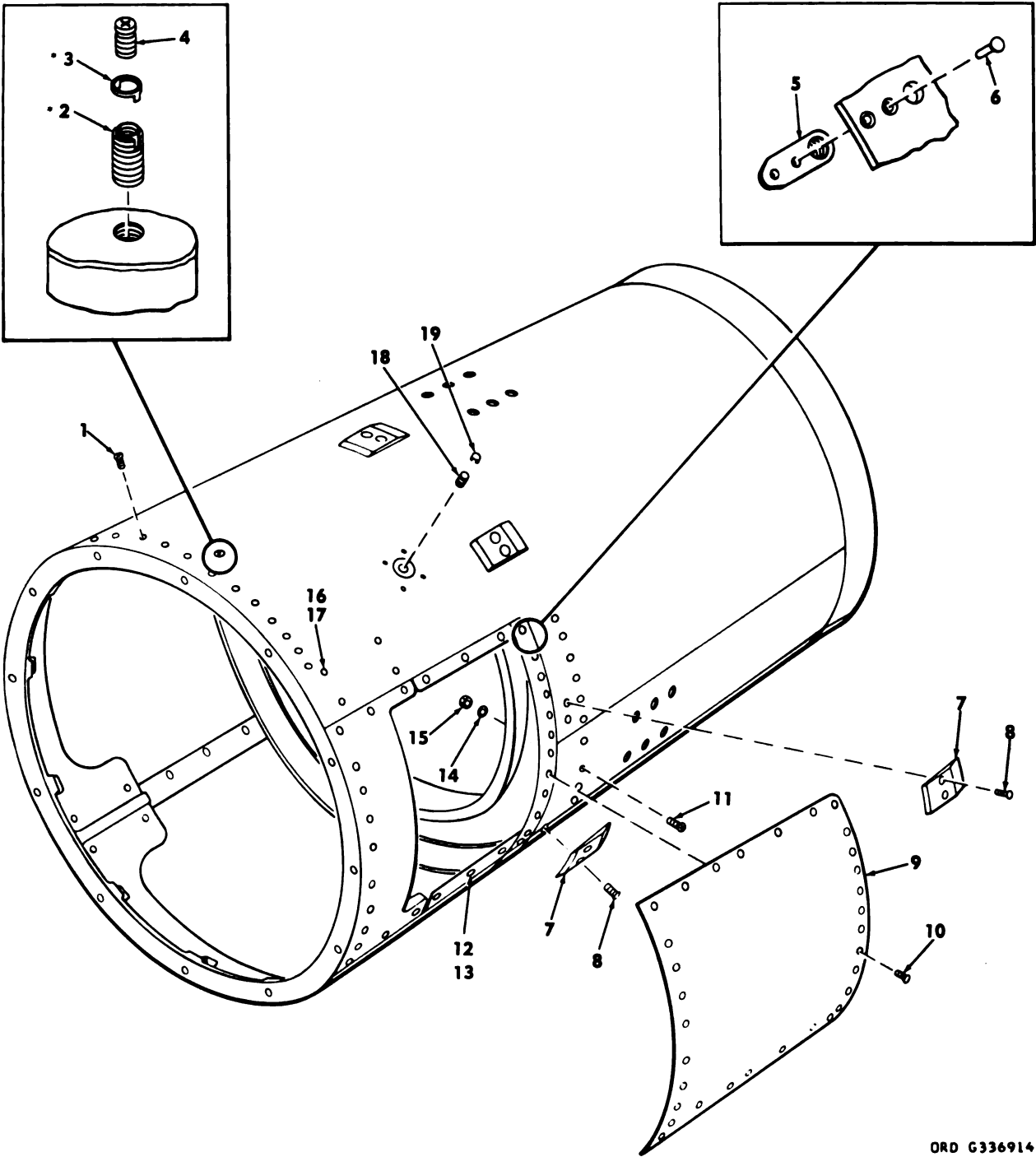
ORD G54704

1	SCREW	892421R.....	52
2	SCREW	9031276.....	54
3	COVER	902R165.....	2
4	NUT	MS21059L5.....	70
5	RIVET	MS20426AD4-R.....	84
6	NUT	MS21061L4.....	8

7	RIVET	MS20426AD1-5.....	200
8	NUT	MS21059L4.....	44
9	SCREW	9031276.....	16
10	BOLT	AN4-23A.....	24
11	BOLT	AN4-37A.....	10
12	WEIGHT	1011929R.....	5

13	WEIGHT	10119299.....	7
14	WASHER	AN967-416L.....	34
15	NUT	MS21042-4.....	34
16	BOLT	AN4-5A.....	32
17	WEIGHT	10119290.....	10
18	RIVET	MS20601AD4W5.....	56

FIGURE 163. STRUCTURE ASSEMBLY, EQUIPMENT AND POWER /101192R0/
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/

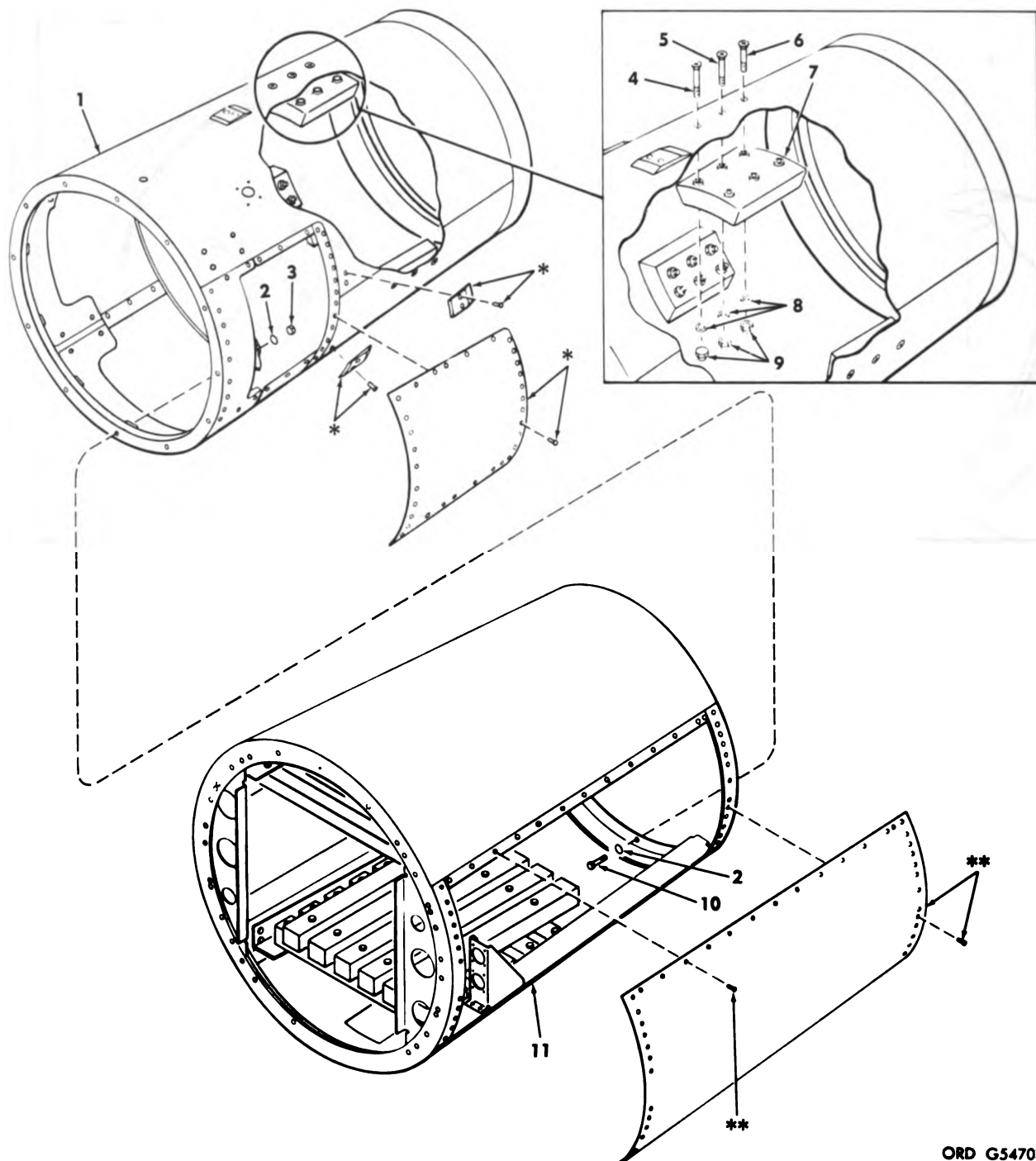


ORD G336914

1	SCREW 852421A.....24	9	COVER 101192A2.....2	17	INSERT 9978415.....16
2	INSERT 90205A0.....1	10	SCREW 852421A.....64	18	INSERT 9020620.....1
3	RING 90205A2.....1	11	SCREW MS24694S98.....24	19	RING 9020630.....1
4	SETSCREW MS51023-A7.....1	12	RIVET MS20426AD3-6.....24		
5	NUT MS21051L4.....32	13	NUT MS21047L4.....4		
6	RIVET MS20426AD3-9.....48	14	WASHER AN960-416.....24		
7	PANEL 8523325.....9	15	NUT MS21040L4.....24		
8	SCREW MS24694S53.....16	16	RING 9979052.....16		

* COMPONENT OF FRAME ASSEMBLY
10119301

FIGURE 162. STRUCTURE ASSEMBLY, CONTROL /101192A1/
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/



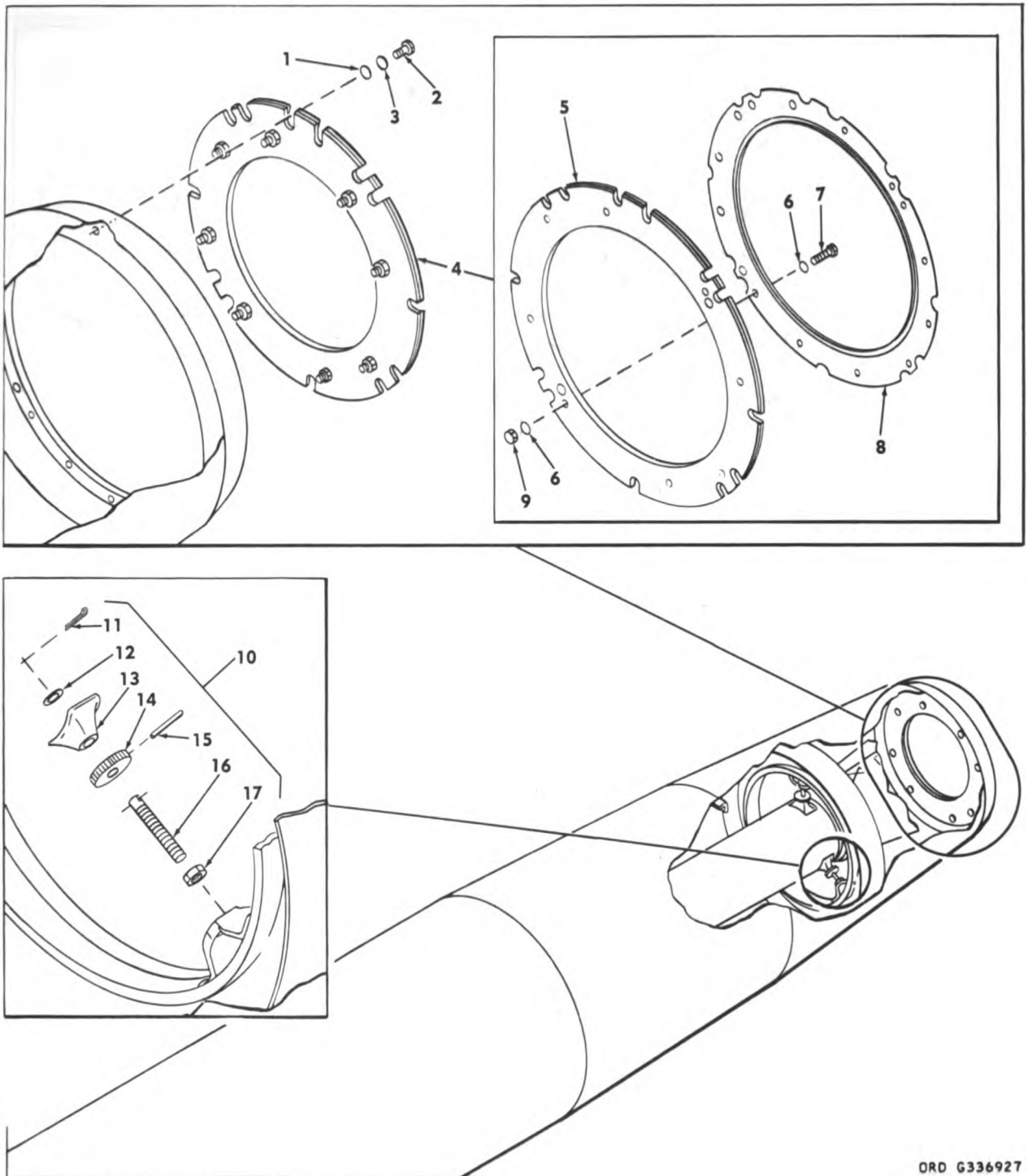
ORD G54703

1 STRUCTURE ASSEMBLY
10119281.....1
SEE FIGURE 162 FOR DETAILS
2 WASHER AN960-616L.....24
3 NUT MS21042L6.....12
4 SCREW MS24694S131.....6
5 SCREW MS24694S125.....6
6 SCREW MS24694S127.....6

7 WEIGHT 90280R0.....3
8 WASHER 9018239.....18
9 NUT 9026523.....18
10 BOLT AN6-13A.....12
11 STRUCTURE ASSEMBLY
10119280.....1
SEE FIGURE 163 FOR DETAILS

* COMPONENT OF ITEM 1
** COMPONENT OF ITEM 11

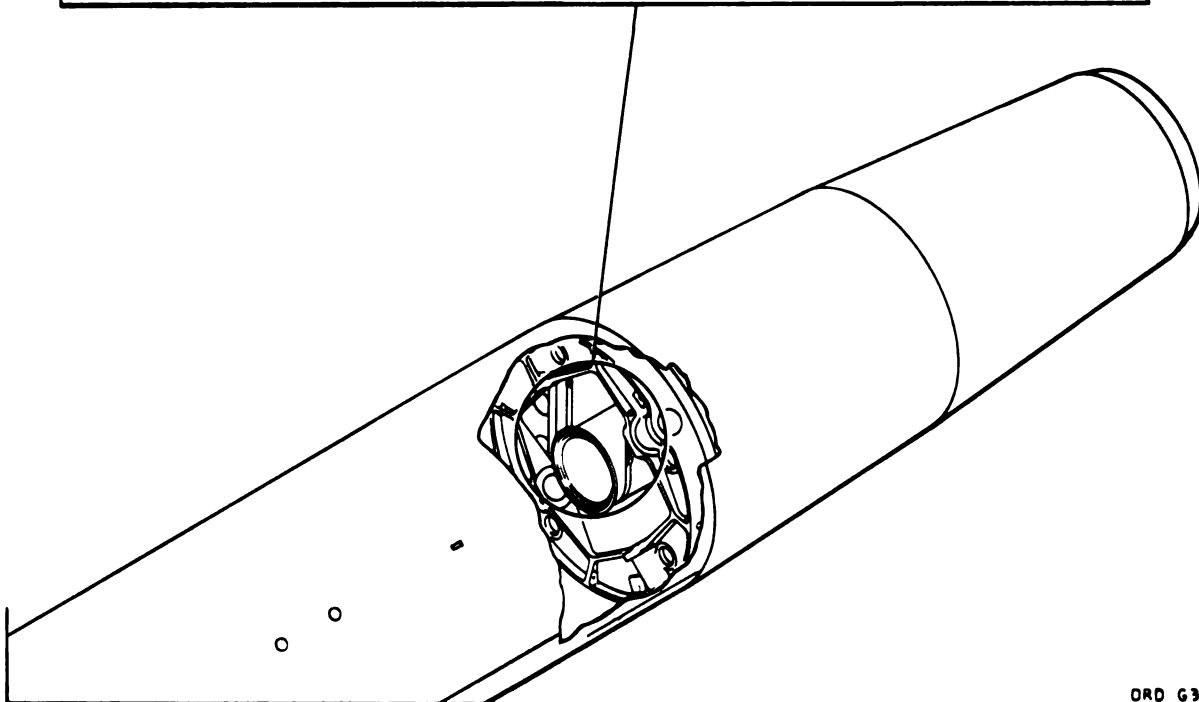
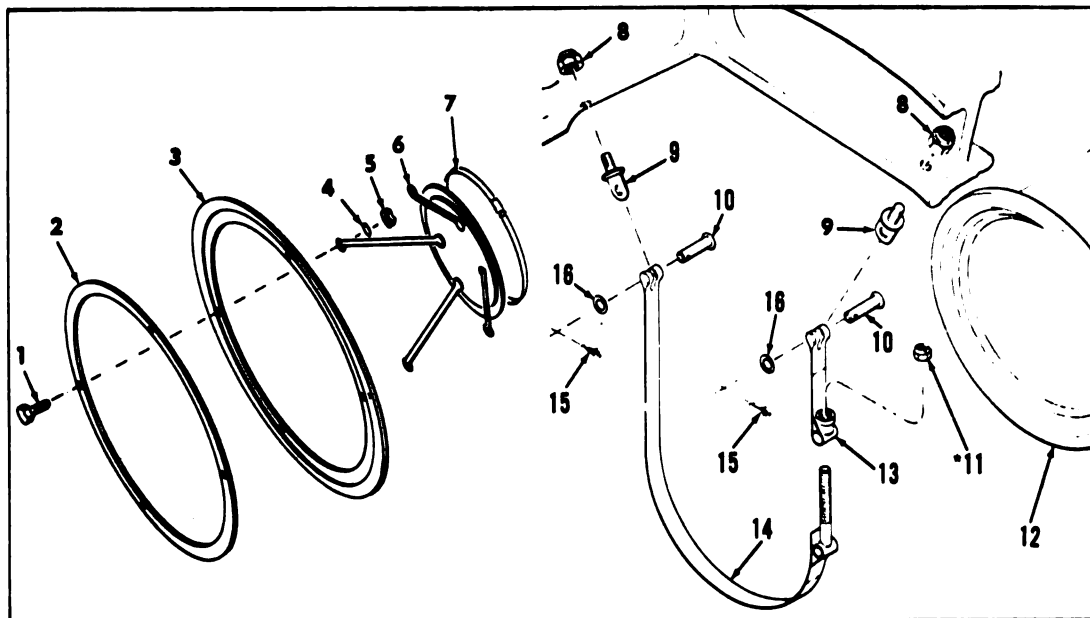
FIGURE 161. BODY SECTION, TRAINER, GUIDED MISSILE /10119279/
/SEE FIGURE 158 FOR NEXT HIGHER ASSEMBLY/



ORD G336927

1	WASHER	9031170.....7	7	BOLT	AN4-7A.....8	13	SHOE	9031135.....1
2	NUT	AN4-7A.....7	8	RING	9979162.....1	14	KNOB	9031132.....1
3	WASHER	MS271P3-12.....7	9	NUT	MS21049C4.....8	15	PIN	MS171572.....1
4	RING ASSEMBLY	9979167.....1	10	ADJUSTING ASSEMBLY		16	SHAFT	9031133.....1
5	MOUNTING PLATE			902902A.....3		17	NUT	AN316-BR.....1
	901999A.....1		11	PIN	MS24665-153.....1			
6	WASHER	AN960C416.....16	12	WASHER	MS15795-81A.....1			

FIGURE 160. BLAST TURE AND CLOSURE INSTALLATION, TRAINER /10119297/

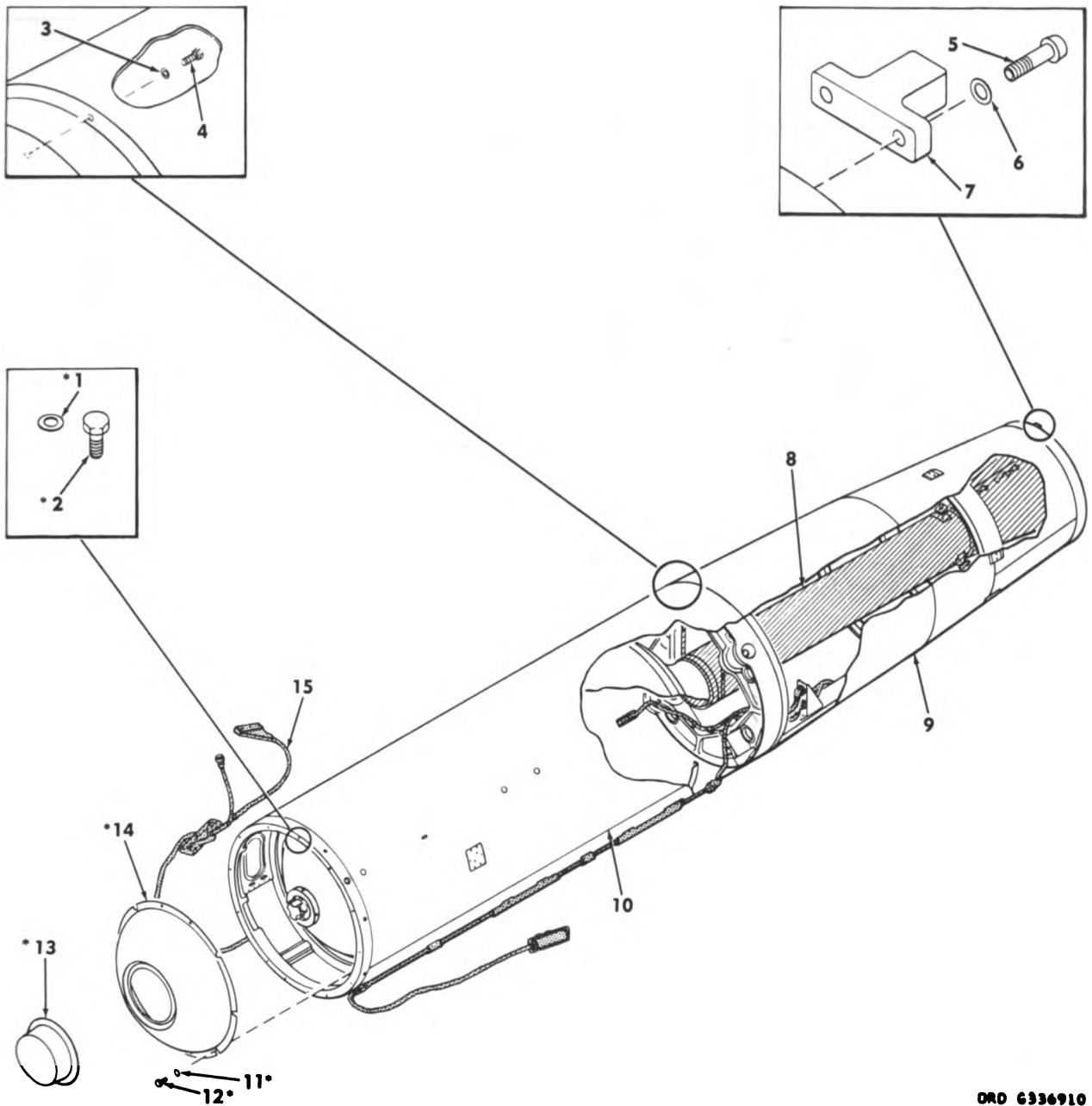


ORD G336913

1 BOLT AN7-114.....4	8 NUT MS21083N5.....2	14 BAND 9073692.....1
2 INSULATION RING 9032034.....1	9 ROLT MS22099.....2	15 PIN MS24665-151.....2
3 FRAME 8523474.....1	10 PIN MS20392-3C27.....2	16 WASHER AN960-416.....2
4 WASHER AN960-716.....4	11 NUT MS21045-4.....1	
5 NUT MS21044N7.....4	12 BLAST TUBE AND NOZZLE	
6 SHIPPING SUPPORT 9072800.....1	10119316.....1	
7 COUPLING 9018247.....1	13 BAND 9073691.....1	

* FURNISHED WITH ITEM 14

FIGURE 159. BLAST TUBE AND CLOSURE INSTALLATION, TRAINER /10119297/
/SEE FIGURE 158 FOR NEXT HIGHER ASSEMBLY/



ORD 6336910

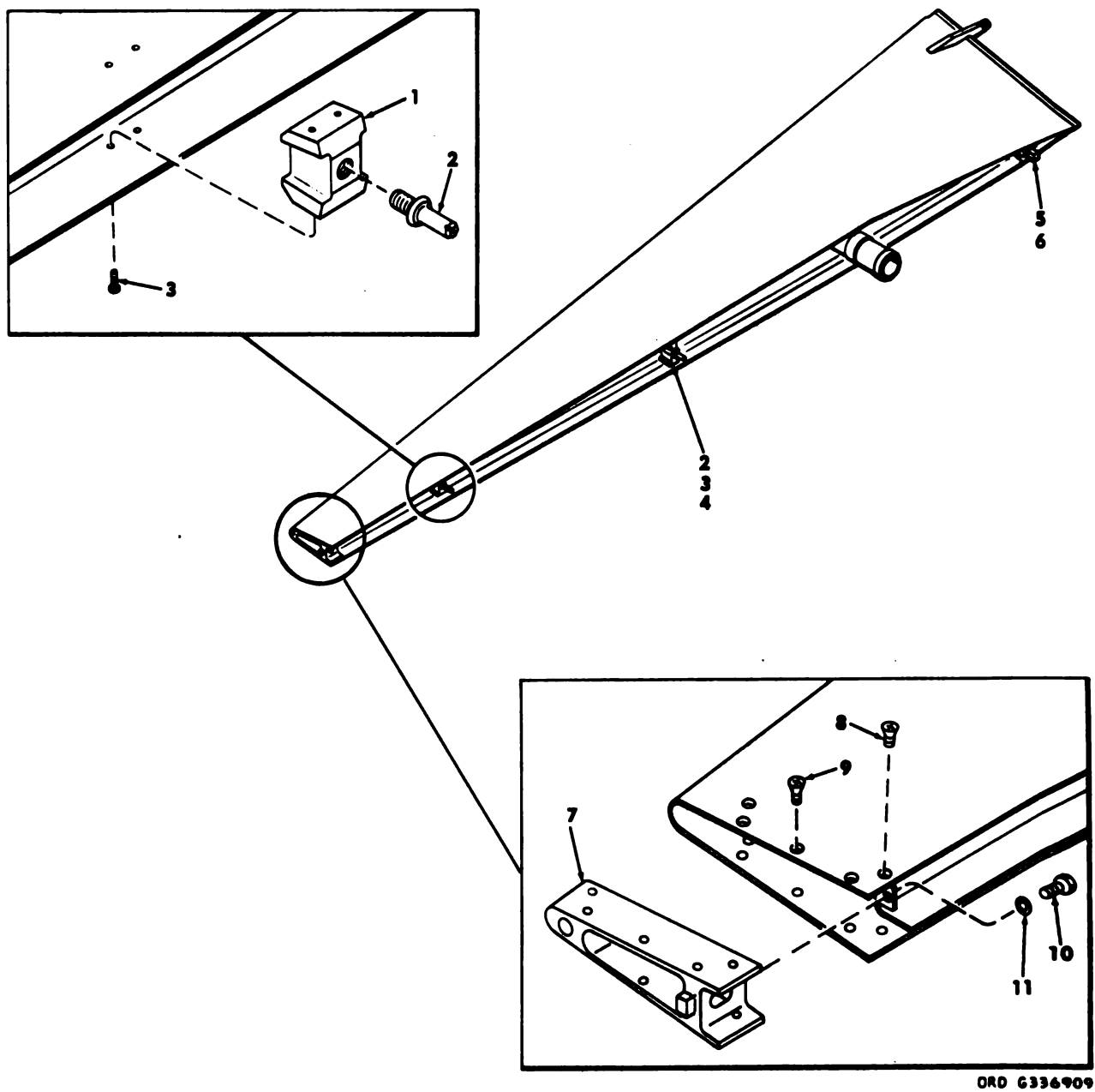
1 WASHER AN960C516L.....13
 2 BOLT AN5-7A.....13
 3 WASHER AN960-616L.....20
 4 BOLT MS20074-06-07.....20
 5 BOLT MS20009-11.....2
 6 WASHER MS20007C5.....2
 7 ALIGNMENT PIN 9029046.....1
 8 BLAST TUBE AND CLOSURE
 INSTALLATION 10119297.....1
 SEE FIGURE 159 FOR DETAILS

9 BODY SECTION 10119279.....1
 SEE FIGURE 161 FOR DETAILS
 10 STRUCTURE ASSEMBLY
 10119277.....1
 SEE FIGURE 164 FOR DETAILS
 11 WASHER NAS949-716.....4
 12 ROLT AN177-9A.....4
 13 CAP 10119307.....1
 14 DUMMY HEATER ASSEMBLY
 10119302.....1

15 ELECTRICAL INSTALLATION
 10119272.....1
 SEE FIGURE 165 FOR DETAILS

* COMPONENT OF SHOPPING KIT
 10119275, SHIPPING AS LOOSE
 ITEM

FIGURE 159. BODY SECTION, TRAINER, GUIDED MISSILE /10119276/
 /SEE FIGURE 156 FOR NEXT HIGHER ASSEMBLY/



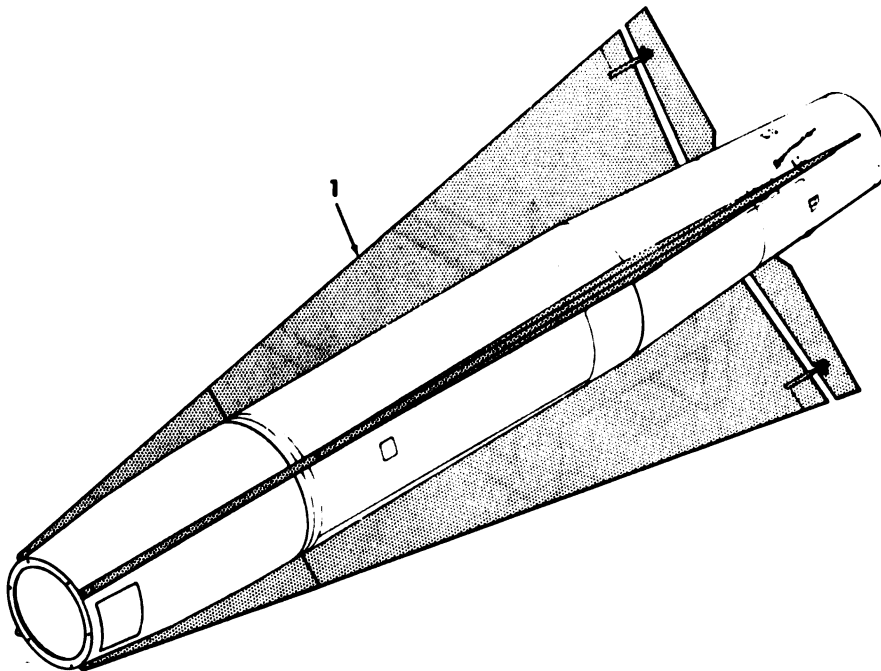
ORD 6336909

1	FITTING 9032643.....1	5	SCREW NAS222-7.....8	9	SCREW NAS222-4.....8
2	BOLT 902A297.....2	6	FITTING A530987.....1	10	BOLT AN3-3A.....1
3	SCREW NAS221-R.....8	7	FITTING A522172.....1	11	WASHER MS27193-R.....1
4	FITTING 9032642.....1	8	SCREW NAS222-5.....2		

FIGURE 147. STRUCTURE ASSEMBLY, MAIN FIN /10119285/
/SEE FIGURE 156 FOR NEXT HIGHWER ASSEMBLY/

1	SETSCREW 9025007.....4	9	WASHER AN960PD1016.....4	20	WASHER M515795-808.....2
2	STRUCTURE ASSEMBLY 10119285.....4	10	SCREW 9028421.....4	21	BOLT AN3C3A.....2
	SEE FIGURE 157 FOR DETAILS	11	STUD AND RING ASSEMBLY 9019R30.....4	22	FITTING ASSEMBLY 10119305.....1
3	BODY SECTION 10119276.....1	12	RFTAINER 9028422.....4	23	FITTING 10119306.....1
	SEE FIGURE 158 FOR DETAILS	13	NUT M521042L5.....4	24	PIN M516562-62.....1
4	WIRE ROPE ASSEMBLY 9020525.....1	14	WASHER AN960-516L.....4		
5	WASHER AN960-416L.....16	15	BOLT 9979234.....4		
6	SCREW M590726-7.....16	16	FIN ASSEMBLY 10119304.....4		* COMPONENT OF SHIPPING KIT 10119284
7	ELEVON ASSEMBLY 10119287.....4	17	SCREW 8014574.....12		** COMPONENT OF SHIPPING KIT 10119275
8	NUT 8526034.....4	18	PIN A162A28.....1		
		19	FITTING 852214A.....1		

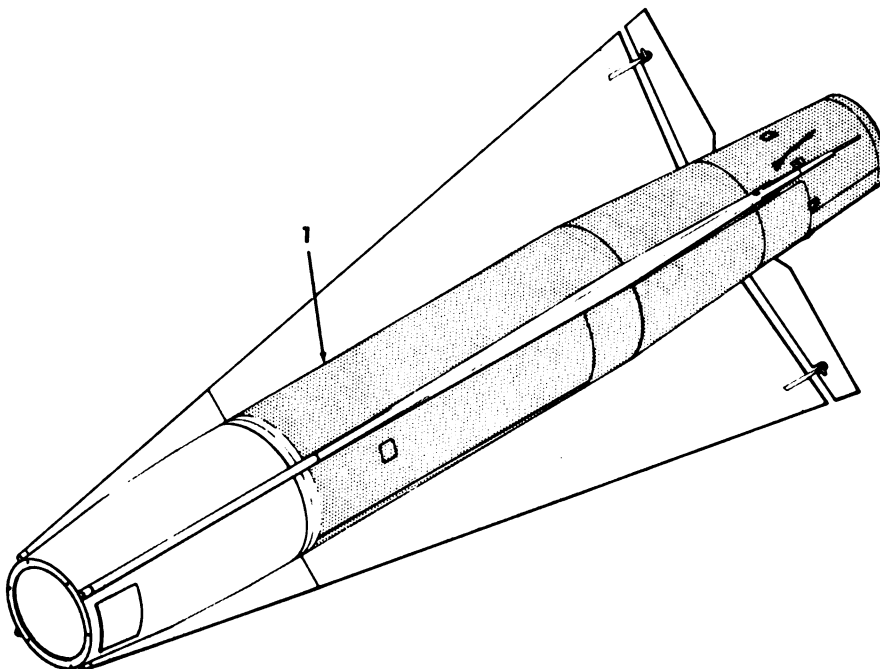
3-145



ORD G336906

1 SHIPPING KIT 10119284.....1
SEE FIGURE 156 FOR DETAILS

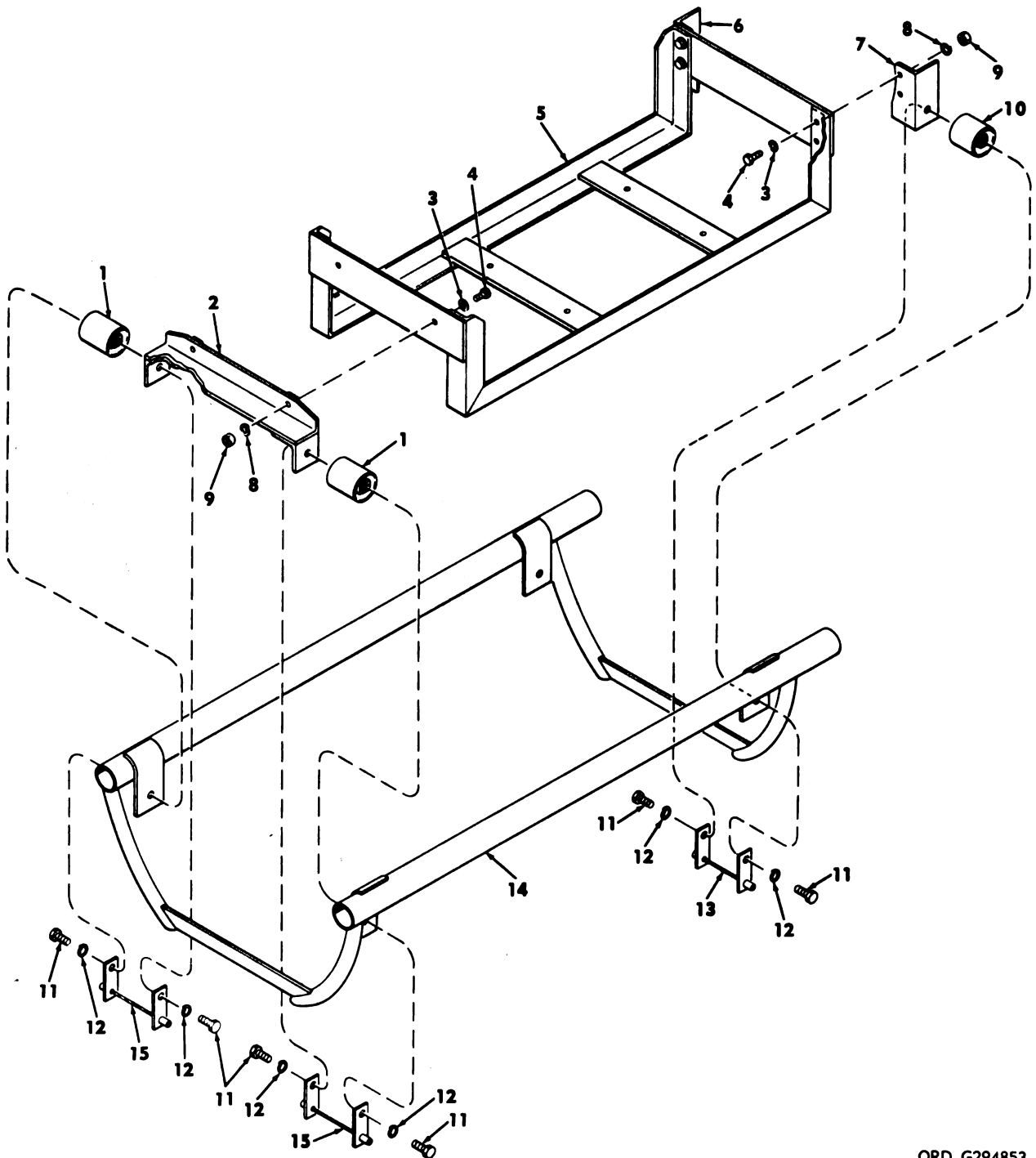
FIGURE 154. BODY SECTION, GUIDED MISSILE, TRAINING, M84 /10119274/



ORD G336907

1 SHIPPING KIT 10119275.....1
SEE FIGURE 156 FOR DETAILS

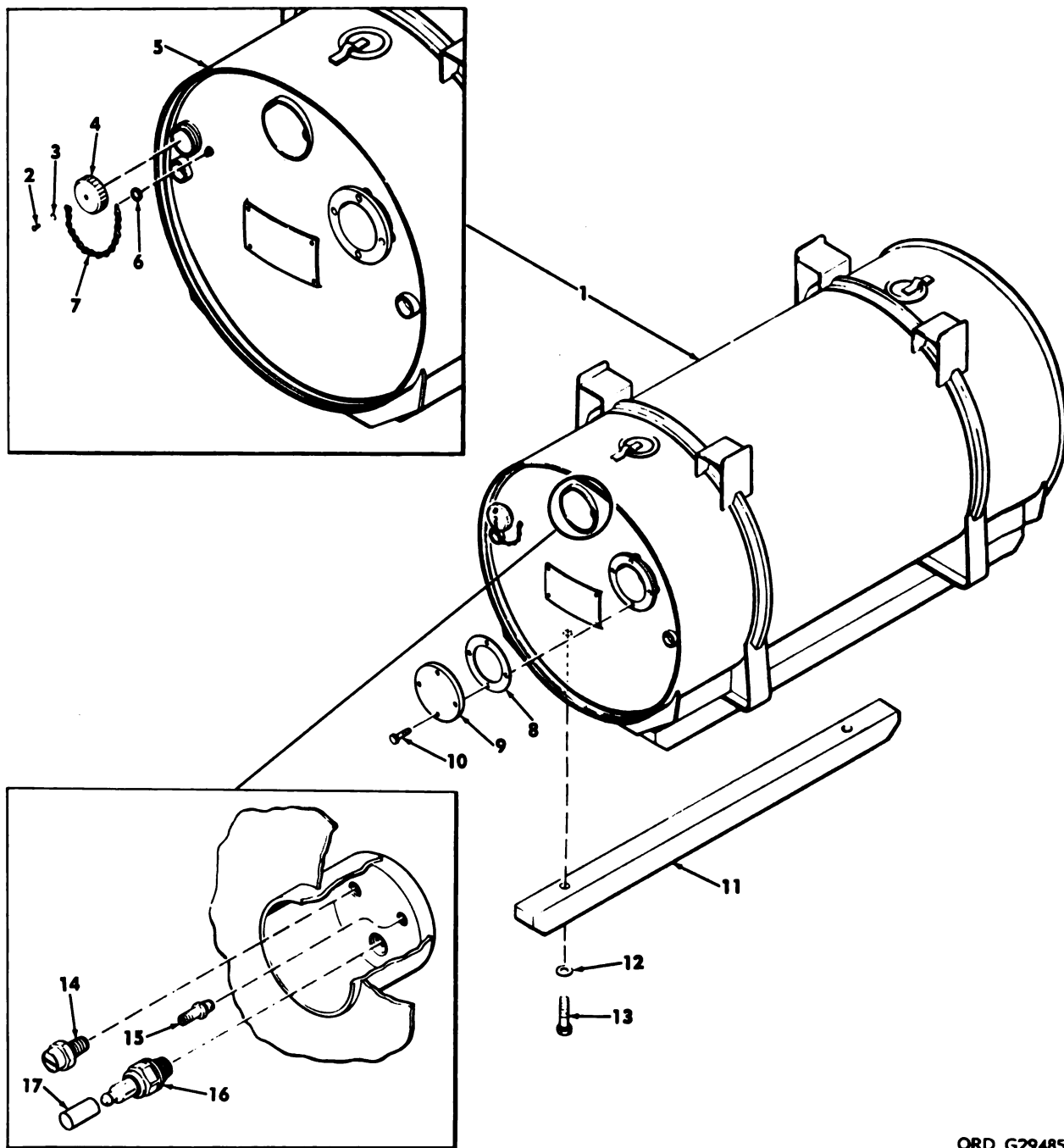
FIGURE 155. BODY SECTION, GUIDED MISSILE, TRAINING, M84 /10119274/



ORD G294853

1 MOUNT 9022044.....2	7 SUPPORT 9014361.....1	13 STOP ASSEMBLY CABLE
2 SUPPORT ASSEMBLY 9014360.....1	8 WASHER MS35338-46.....6	162970.....2
3 WASHER MS27187-14.....6	9 NUT MS51967-8.....6	14 CRADLE 9019897.....1
4 SCREW MS90725-63.....6	10 MOUNT 9022043.....2	15 STOP ASSEMBLY CABLE
5 PLATFORM 9019912.....1	11 SCREW MS90725-108.....8	8165367.....2
6 SUPPORT 9014362.....1	12 WASHER MS35338-48.....8	

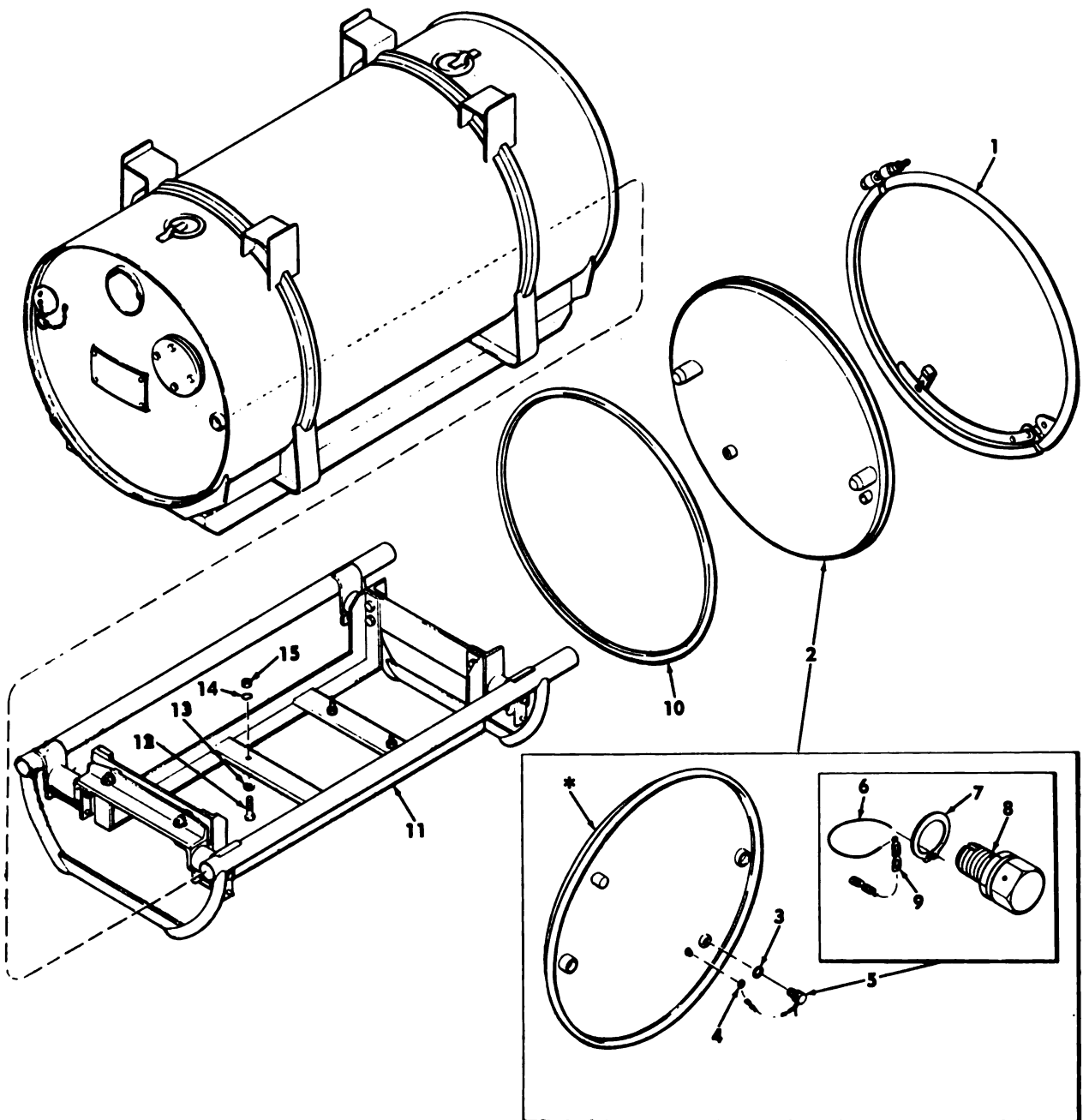
FIGURE 153. CRADLE, SHIPPING AND STORAGE CONTAINER, TRANSPONDER /9019913/
/SEE FIGURE 151 FOR NEXT HIGHER ASSEMBLY/



ORD G294852

1 SHELL ASSEMBLY 8014351.....1	7 CHAIN S0RX742C16997.....9	13 SCREW MS90725-117.....4
2 RIVET 107144.....1	8 GASKET 8014355.....1	14 VALVE 10127499.....1
3 WASHER MAS620-5.....1	9 COVER 8014356.....1	15 VALVE 8134499.....1
4 CAP 8014351-39.....1	10 SCREW MS90725-60.....4	16 INDICATOR AM4062-11.....1
5 CONTAINER 8014351-37.....1	11 SKID 8014352.....2	17 CAP 9174595.....1
6 RING 8168689.....1	12 WASHER MS27183-18.....4	

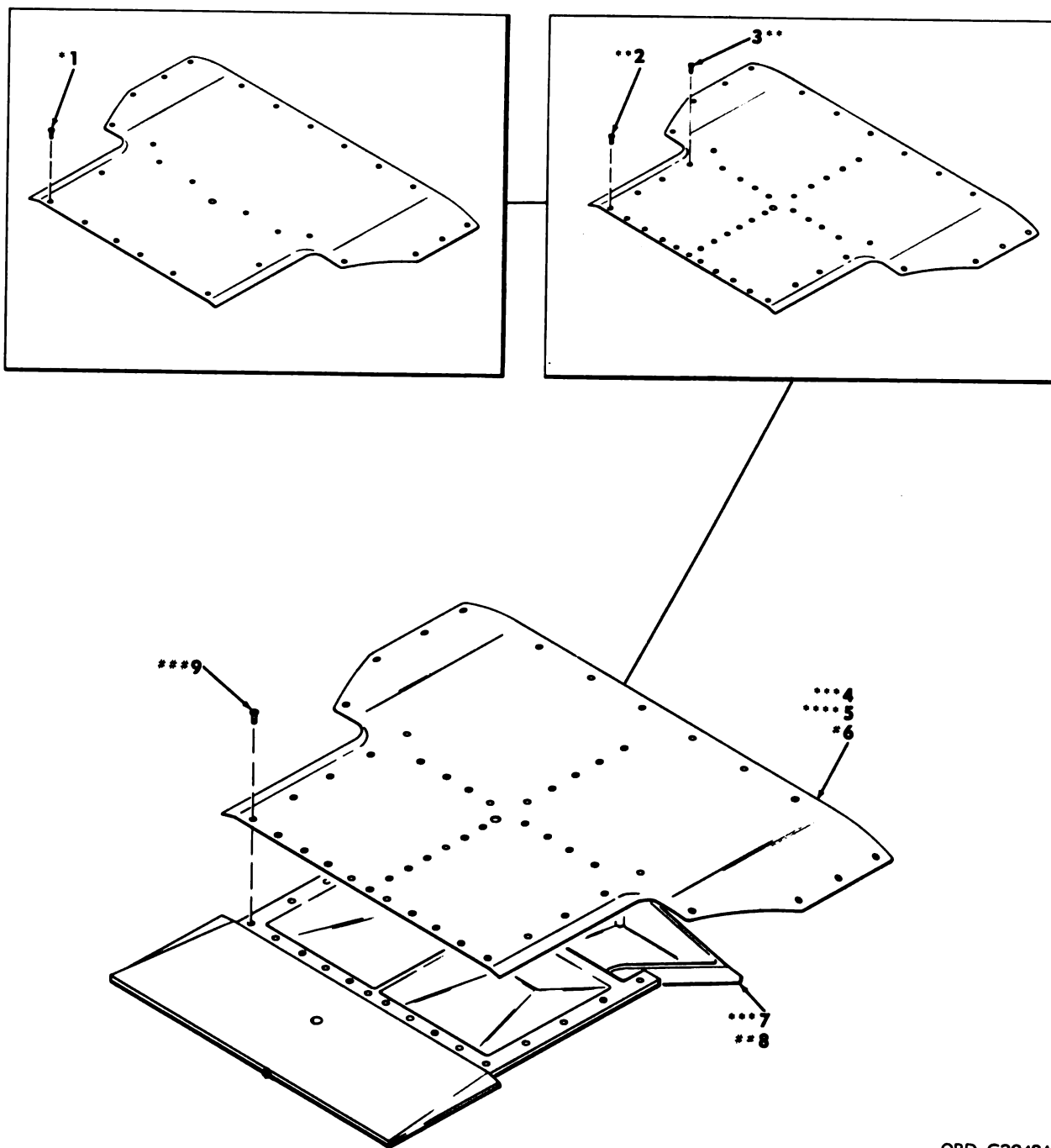
FIGURE 152. CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 / 90199147



ORD G294850

1 RING 8166R2H.....1	7 RING MS16624-1075.....1	12 SCREW MS9729-38.....4
2 COVER ASSEMBLY 8014353.....1	8 VALVE 8022366.....1	13 WASHER 61-0542-1.....4
3 WASHER 8022570.....1	9 CHAIN 42C16550.....4	14 WASHER MS35318-45.....4
4 RING 8014353-50.....1	10 SEAL A163018.....1	15 NUT MS51967-5.....4
5 VALVE ASSEMBLY 8022367.....1	11 CRADLE 9019913.....1	
6 WIRE 22H1630.....*		
	SPE FIGURE 153 FOR DETAILS	* COMPONENT OF ITEM 2

FIGURE 151. CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/



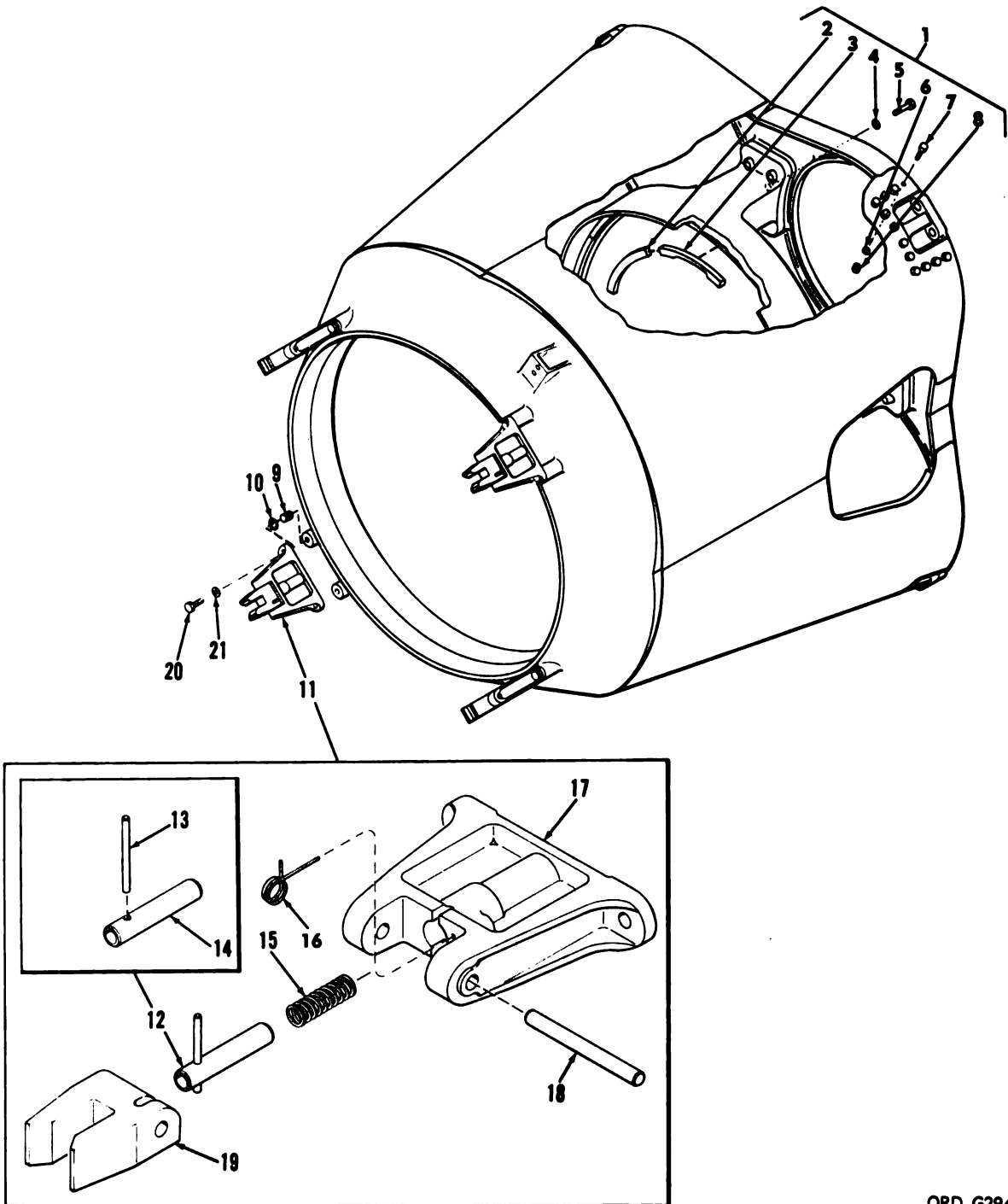
ORD G294946

1 SCREW NAS222-6.....14
 2 SCREW NAS222-6.....36
 3 SCREW NAS222-4.....2
 4 FAIRING 9025119.....1
 5 FAIRING 9025461.....1
 6 FAIRING 9025460.....1
 7 FITTING 9025231.....1

8 FITTING 9025230.....1
 9 SCREW MS24694S93.....10
 * FOR SERIAL NO. 17828 AND UP
 ** FOR SERIAL NO. 15251-17827
 *** FOR FAIRING ASSEMBLY 9025119

*** FOR FAIRING ASSEMBLY 9025462
 # FOR FAIRING ASSEMBLY 9025463
 ## FOR FAIRING ASSEMBLY 9025462
 AND 9025463
 ### FOR SERIAL NO. 14965-15250

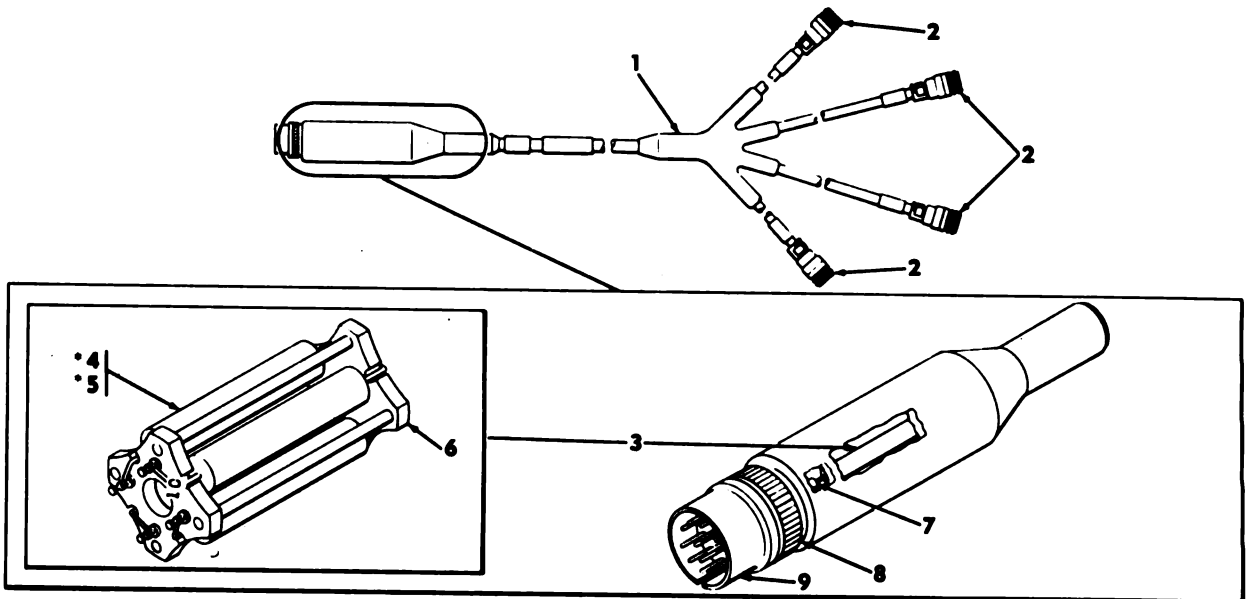
FIGURE 150. FAIRING ASSEMBLY, BOOSTER /SIDE 9025119, TOP 9025462 AND BOTTOM 9025463/
 /SEE FIGURE 145 FOR NEXT HIGHER ASSEMBLY/



ORD G2949-5

1	FITTING ASSMRLY 9025506.....1	9	NUT MS21045-5.....48	15	SPRING A163868.....1
2	CUSHION A163514.....7	10	INSERT 997A054.....8	16	SPRING A163869.....1
3	CUSHION A530489.....1	11	PING 997A057.....8	17	BRACKET 9032477.....1
4	WASHER 61-0542-1.....4	12	LOCK ASSEMBLY A530425.....4	18	PIN A523788.....1
5	BOLT MS90725-33.....4	13	PIN ASSEMBLY A163877.....1	19	FORK A529392.....1
6	WASHER MS27183-12.....4A	14	PIN 5A6091.....1	20	BOLT MS20074-04-05.....8
7	BOLT AN5-6A.....4A			21	WASHER AN960-416L.....8

FIGURE 149. FITTING ASSMRLY, BOOSTER THRUST /902A004/
/SEE FIGURE 144 FOR NEXT HIGHER ASSMRLY/



ORD G294943

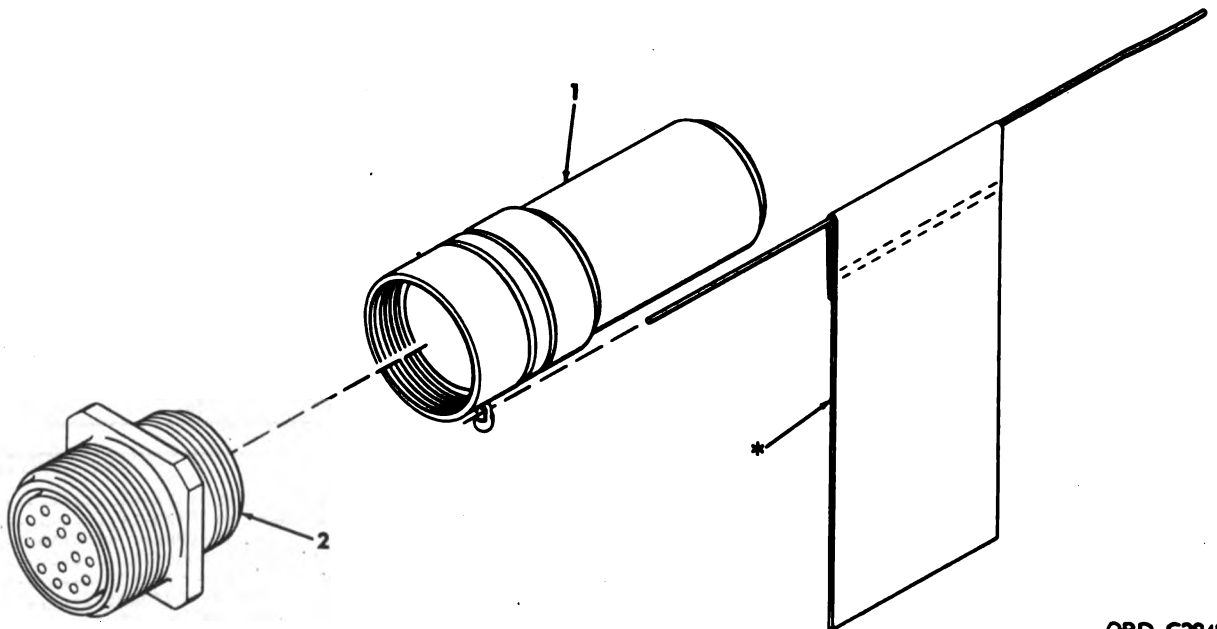
- 1 CABLE 997A4RR.....1
- 2 CONNECTOR R02625A.....4
- 3 RESISTOR ASSEMBLY 997B490.....1
- 4 RESISTOR RS10-1000HMSPOHM3PCT.....4

- 5 RESISTOR SS10W100HMSPOHM3PCT.....4
- 6 HOLDER 997A489.....1
- 7 ADAPTER 997B13B.....4

- 8 NUT 997A542.....1
- 9 BARREL 997A121.....1

* CNF OF EITHER MAY BE USED

FIGURE 147. CABLE ASSEMBLY, BOOSTER IGNITER /997A099/
/SEE FIGURE 143 FOR NEXT HIGHER ASSEMBLY/

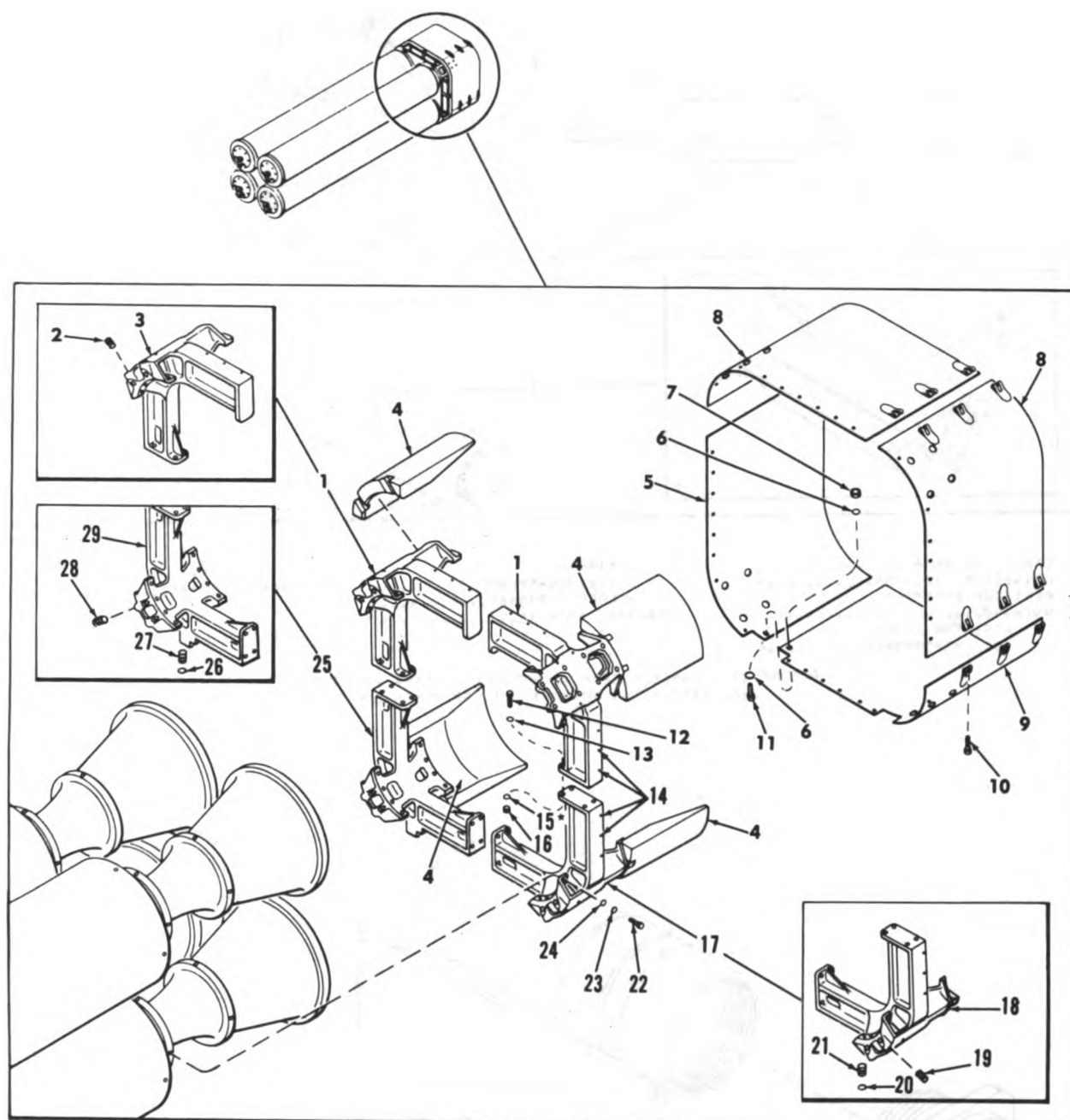


ORD G294944

- 1 HOUSING 9032693.....1
- 2 CONNECTOR 9033560.....1

* COMPONENT OF SHORTING RECEPTACLE 90325A5

FIGURE 148. SHORTING RECEPTACLE, BOOSTER /90325A5/
/SEE FIGURE 143 FOR NEXT HIGHER ASSEMBLY/

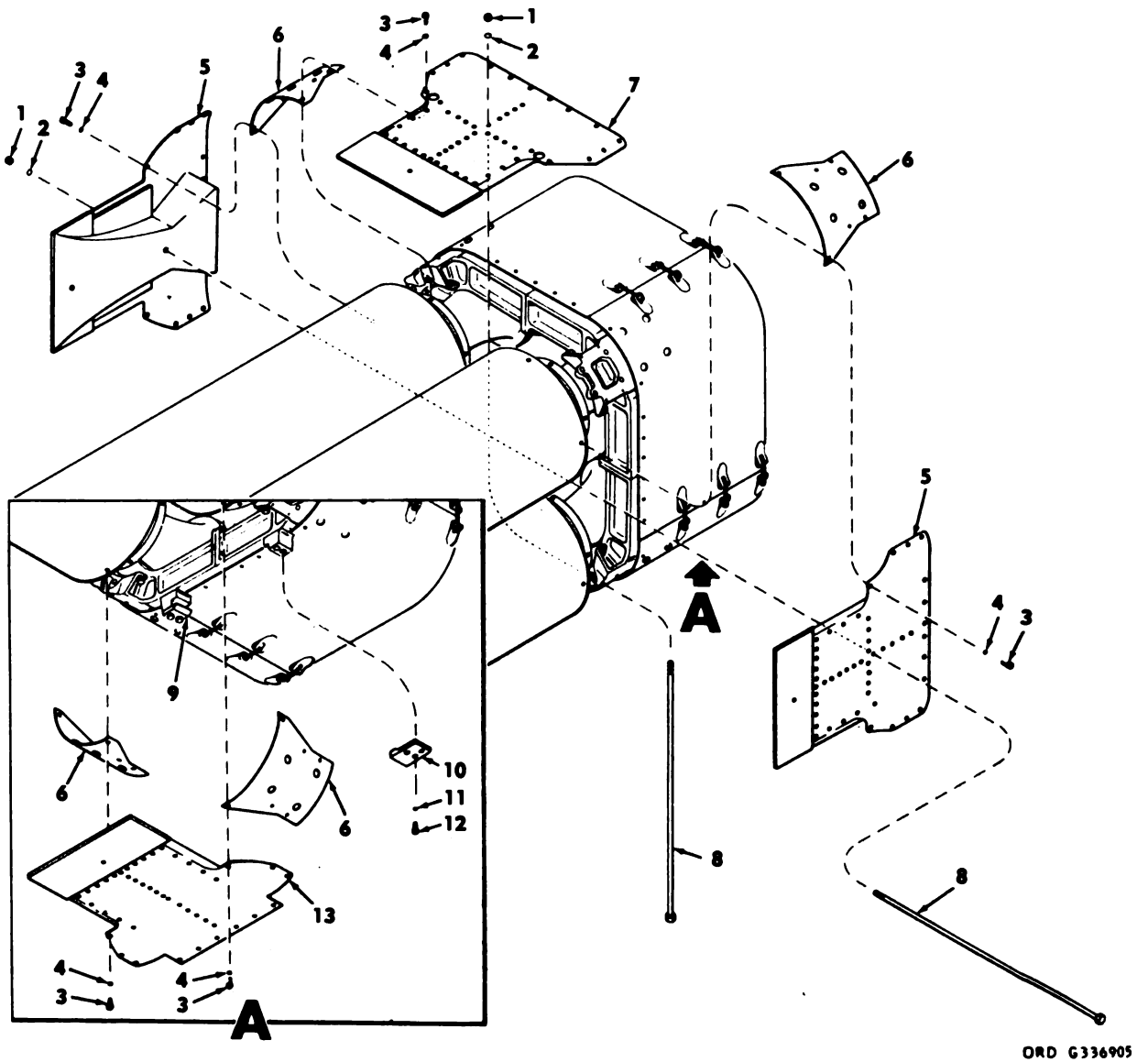


ORD G294942

1	FITTING ASSMFLY	A166147....2	12	BOLT	MS20006H17.....16	23	WASHER	MS35338-46.....32
2	INSERT	9070621.....A	13	WASHER	MS20002C6.....16	24	WASHER	MS27183-14.....32
3	FITTING ASSMFLY	9978565-1.....1	14	INSERT	9020619.....36	25	FITTING ASSEMBLY	8166146....1
4	BLOCK FILLER	A166296.....4	15	WASHER	MS20002-6.....16	26	RING	9090315.....2
5	FAIRING ASSMFLY	A166292....1	16	NUT	MS21044N6.....16	27	INSERT	9020622.....2
6	WASHER	AN9A0C416.....2	17	FITTING ASSEMBLY	A166102....1	28	INSERT	9020621.....A
7	NUT	MS21044N4.....1	18	FITTING ASSEMBLY	9978565-1.....1	29	FITTING ASSEMBLY	9978565-2.....1
8	FAIRING ASSEMBLY	A166293....2	19	INSERT	9070621.....0			
9	FAIRING ASSEMBLY	A166278....1	20	RING	9090315.....2			
10	SCREW	AN502-416-24.....12	21	INSERT	9020622.....2			
11	BOLT	AN4-AA.....1	22	BOLT	AN6-10A.....32			

* AS REQUIRED, MINIMUM 1,
MAXIMUM 3, 16 PLACES

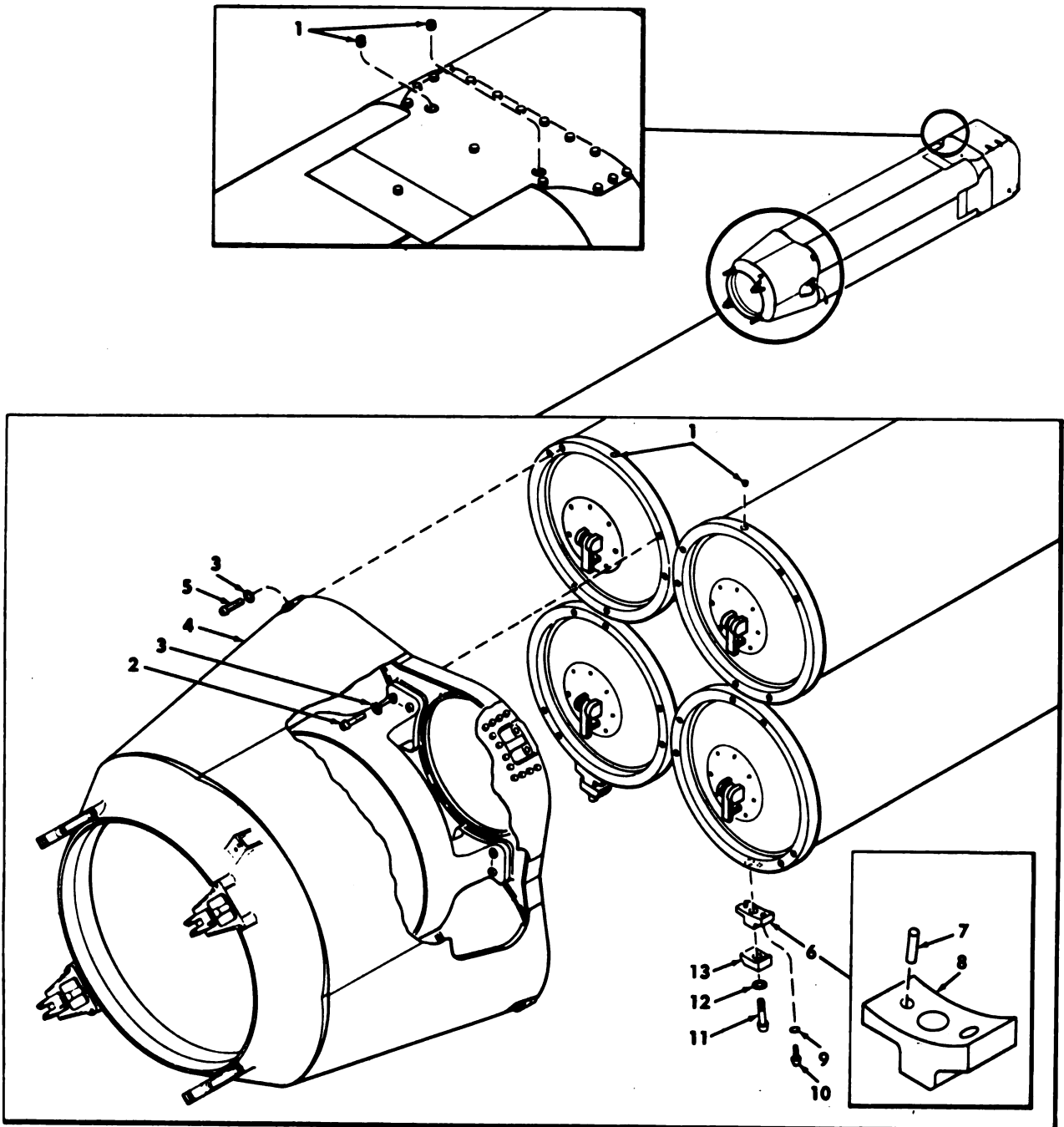
FIGURE 146. SHIPPING KIT, ROOSTER CLUSTER /INSTALLED/ /9028341/



ORD G336905

1 NUT MS21044N6.....4	6 FAIRING A166313.....4	11 WASHER AN960-716.....4
2 WASHER AN960-616.....4	7 FAIRING ASSEMBLY 9025462....1	12 SCREW MS91095-38A.....4
3 BOLT AN4-4A.....56	SEE FIG 150 FOR DETAILS	13 FAIRING ASSEMBLY 9025463....1
4 WASHER MS27183-10.....56	8 BOLT A166270.....4	SEE FIG 150 FOR DETAILS
5 FAIRING ASSEMBLY 9025119....2	9 PLATE 9978991-2.....1	
SEE FIG 150 FOR DETAILS	10 PLATE 9978991-1.....1	

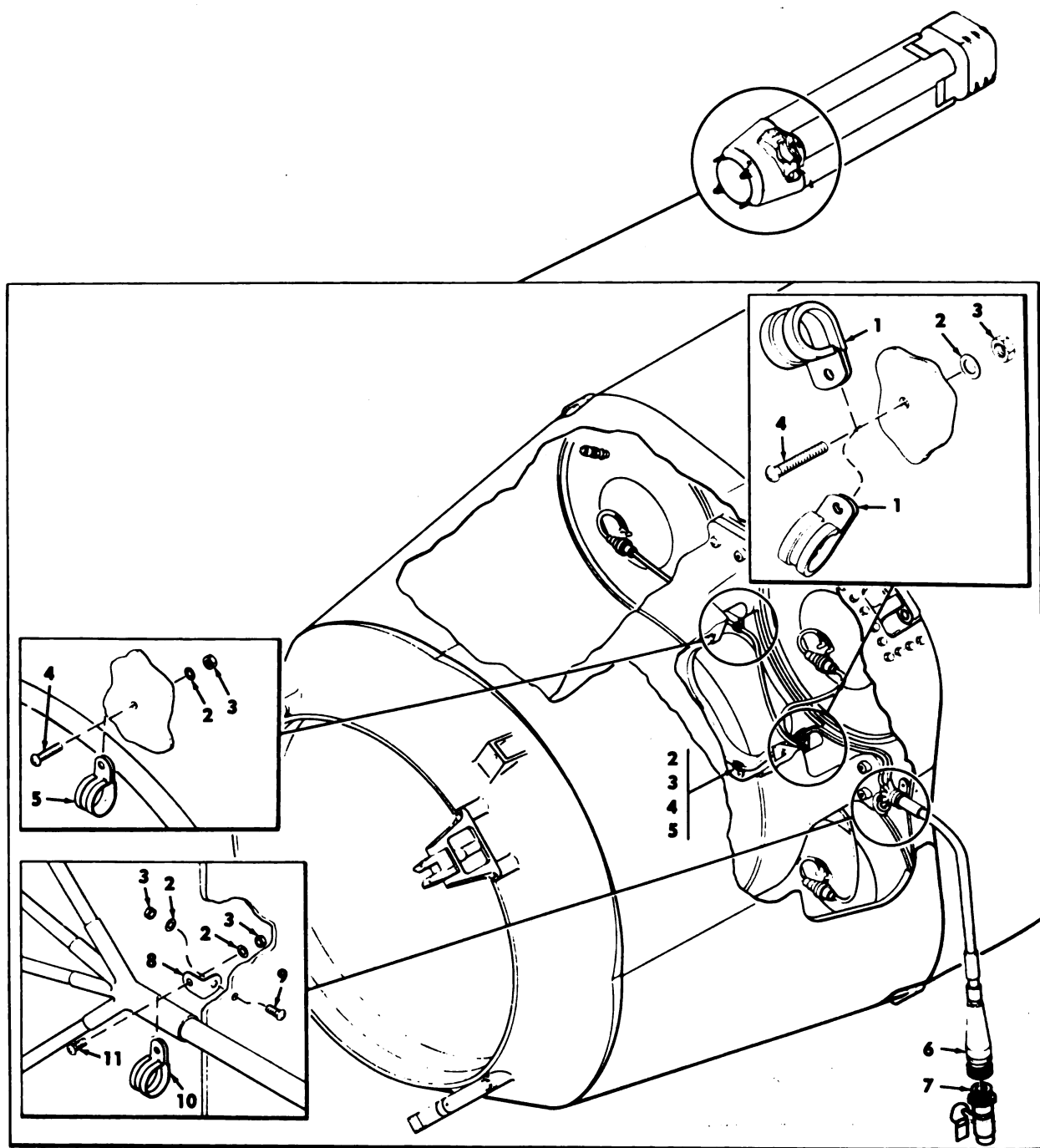
FIGURE 145. SHIPPING KIT, BOOSTER CLUSTER /INSTALLED/ /902A341/



ORD G294940

1 PLUG 9978716.....4	9 BOLT NAS147-20.....8	10 BOLT AN6-11A.....2
2 BOLT MS20007-19.....16	6 SLIPPER ASSEMBLY AS25861....2	11 BOLT NAS1310-23.....2
3 WASHER MS20002C7.....24	7 PIN MS16562-250.....1	12 WASHER MS20002C10.....2
4 FITTING ASSEMBLY 9028004....1	8 SLIPPER AS25861-3.....1	13 BAR 8163507.....2
SEE FIGURE 149 FOR DETAILS	9 WASHER AN960-616.....2	

FIGURE 144. SHIPPING KIT, ROOSTER CLUSTER /INSTALLED/ /9028341/



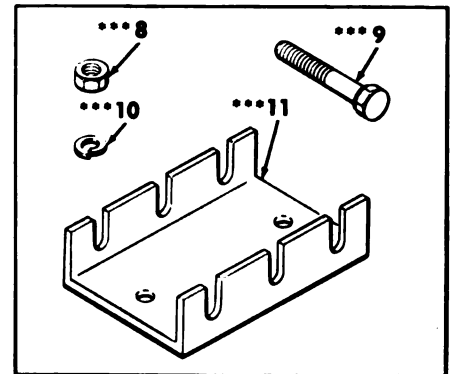
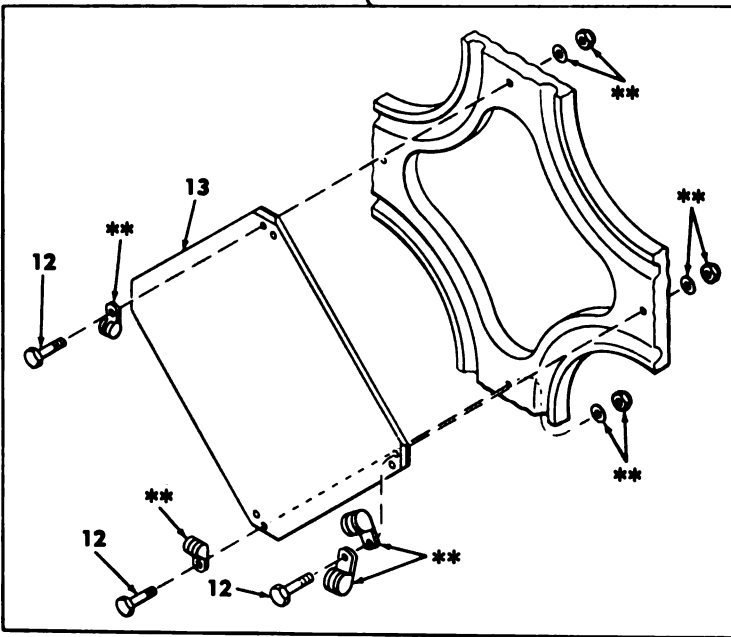
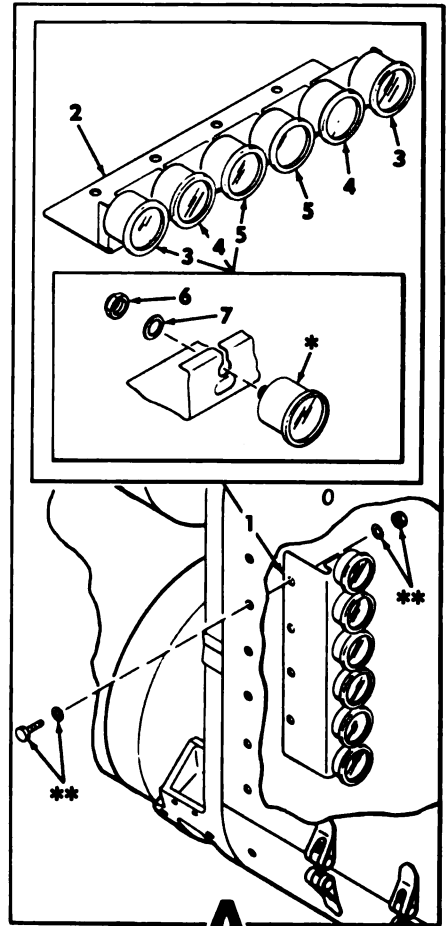
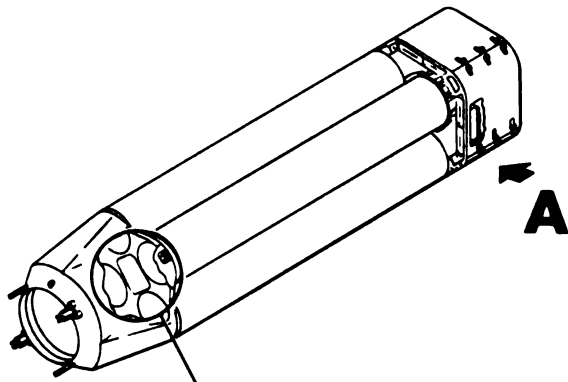
ORD G294939

1 CLAMP MS21919WDG9.....2
 2 WASHER AN960-10.....5
 3 NUT MS21044R3.....5
 4 SCREW MS35207-26A.....3
 5 CLAMP MS21919WDG5.....2

6 CABLE ASSEMBLY 997R099.....1
 SEE FIGURE 147 FOR DETAILS
 7 SHORTING RECEPTACLE
 90325R5.....1
 SEE FIGURE 148 FOR DETAILS

8 BRACKET AN743-12.....1
 9 SCREW MS35207-26A.....1
 10 CLAMP MS21919DGI5.....1
 11 SCREW MS35207-26A.....1

FIGURE 143. SHIPPING KIT, BOOSTER CLUSTER /INSTALLED/ /9079341/
 /SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/

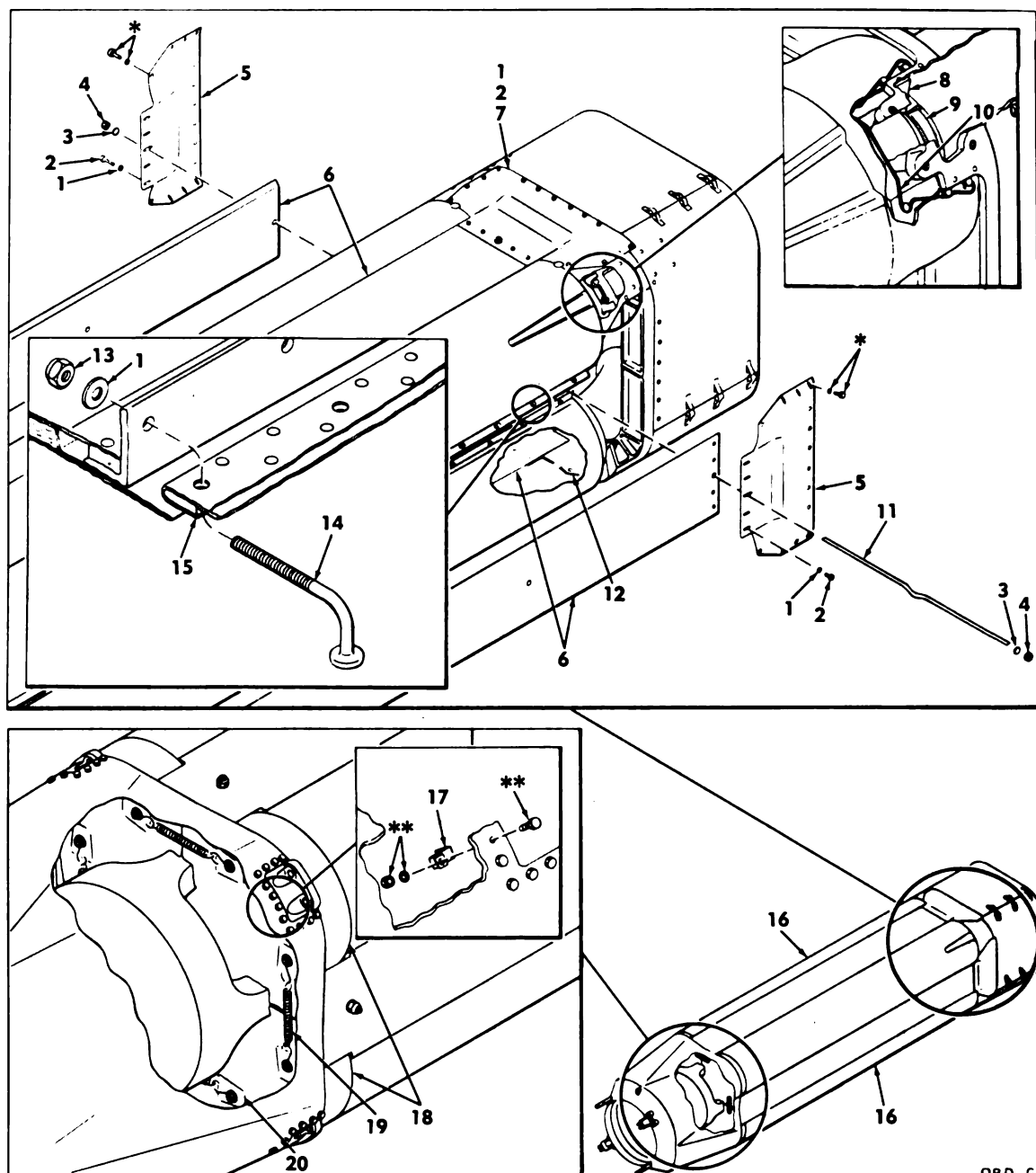


ORD G294938

1 THERMOMETER ASSEMBLY	8 NUT MS51968-14.....2
9019224.....2	9 SCRFW MS90726-116.....2
2 BRACKET 9019229.....1	10 WASHER MS35338-48.....2
3 THERMOMETER 9019972.....2	11 CLAMP 9019852.....1
4 THERMOMETER 9019973.....2	12 BOLT NAS1003-12A.....3
5 THERMOMETER 9019974.....2	13 PLATE 9017824.....1
6 NUT MS2108745.....1	
7 WASHER MS27183-12.....1	

* COMPONENT OF ITEMS 3, 4 AND 5
 ** COMPONENT OF SHIPPING KIT 9028341
 *** USED TO ATTACH WINTERIZATION KIT POWER CABLE TO LAUNCHING HANDLING RAIL

FIGURE 142. WINTERIZATION KIT, ROCKET MOTOR /INSTALLED/ /9027320/

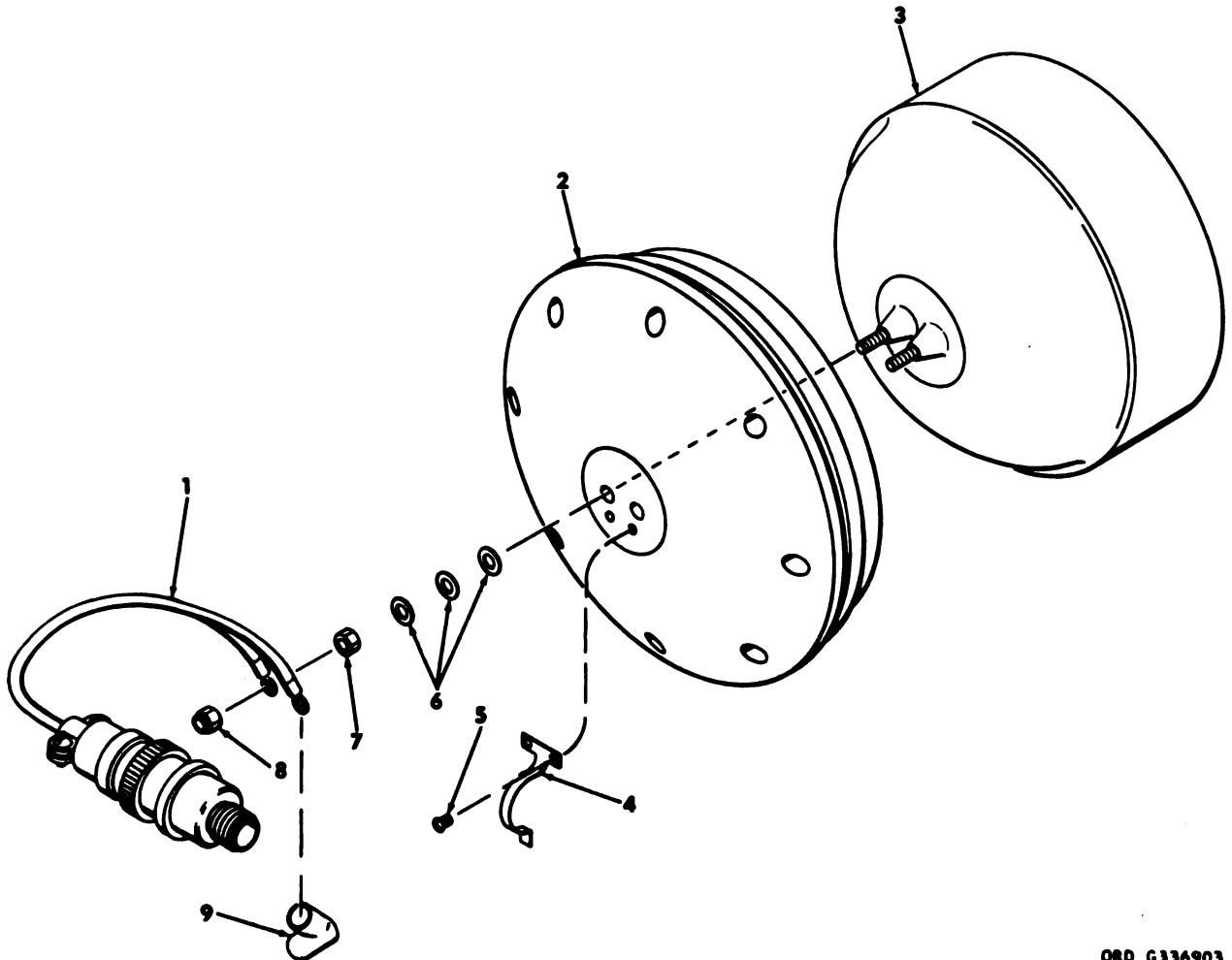


ORD G336904

1 WASHER MS27183-R.....96	10 CLIP 9027294.....4	19 SPRING 9027338.....4
2 BOLT AN3-4A.....16	11 ROD 9017826.....8	20 BLANKET 9027337.....1
3 WASHER 61-0542-1.....16	12 FAIRING 9017820.....1	
4 NUT MS21044N5.....16	13 NUT MS21044N5.....90	
5 FAIRING 9017822.....2	14 BOLT 9017823.....90	
6 FAIRING 9017819.....4	15 BLANKET 9017837.....2	
7 FAIRING 9017821.....1	16 BLANKET 9017836.....2	
8 INSULATION 9027293.....4	17 CLIP 9027336.....4	
9 CLAMP 9018288.....4	18 CLAMP 9018829.....4	

* COMPONENT OF SHIPPING KIT
9028341
** COMPONENT OF THRUST ASSEMBLY
9028004

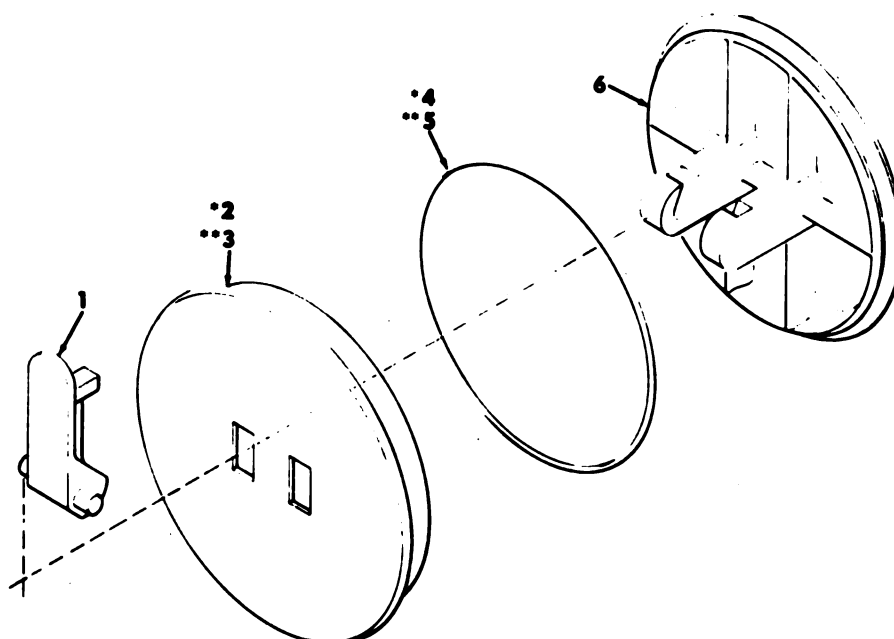
FIGURE 141. WINTERIZATION KIT, ROCKET MOTOR /INSTALLED/ /9027320/
/SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/



ORD G336903

1	CABLE ASSMPLY 8029066.....1	3	CARTRIDGE 8031023.....1	7	NUT MS39649-262.....2
	SEE FIGURE 171, NUMBER 12	4	CLIP 8034509.....1	8	NUT MS21044N06.....2
	FOR DETAILS	5	SCREW MS35206-225.....2	9	COVER 8029048.....2
2	HEAD 8029059.....1	6	GASKET 8029045.....6		

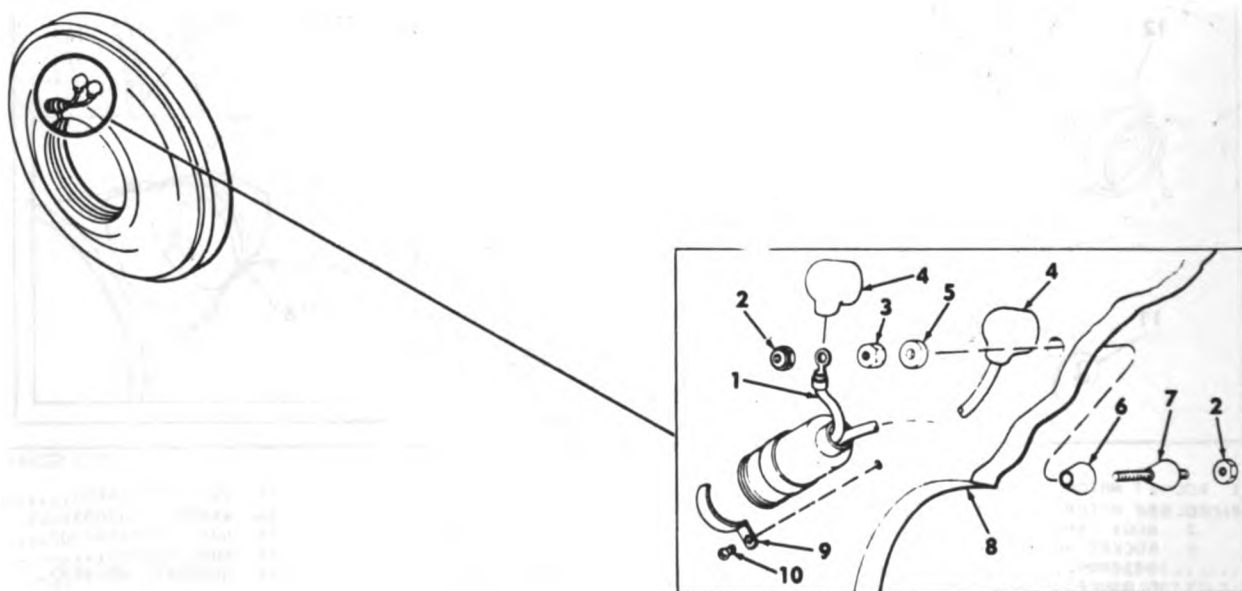
FIGURE 140. IGNITER, ROCKET MOTOR, XM69 /8031024/
/SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/



MI 39363

- | | | |
|-------------------------------|-------------------------------|---------------------------------|
| 1 CLAMP 8030970.....1 | 4 PACKING AN6227R58.....1 | * FOR CLOSURE ASSEMBLY 8030967 |
| 2 CLOSURE PLATE 8030969.....1 | 5 PACKING AN6227-59.....1 | ** FOR CLOSURE ASSEMBLY 8031040 |
| 3 CLOSURE PLATE 8031044.....1 | 6 CLOSURE PLATE 8030968.....1 | |

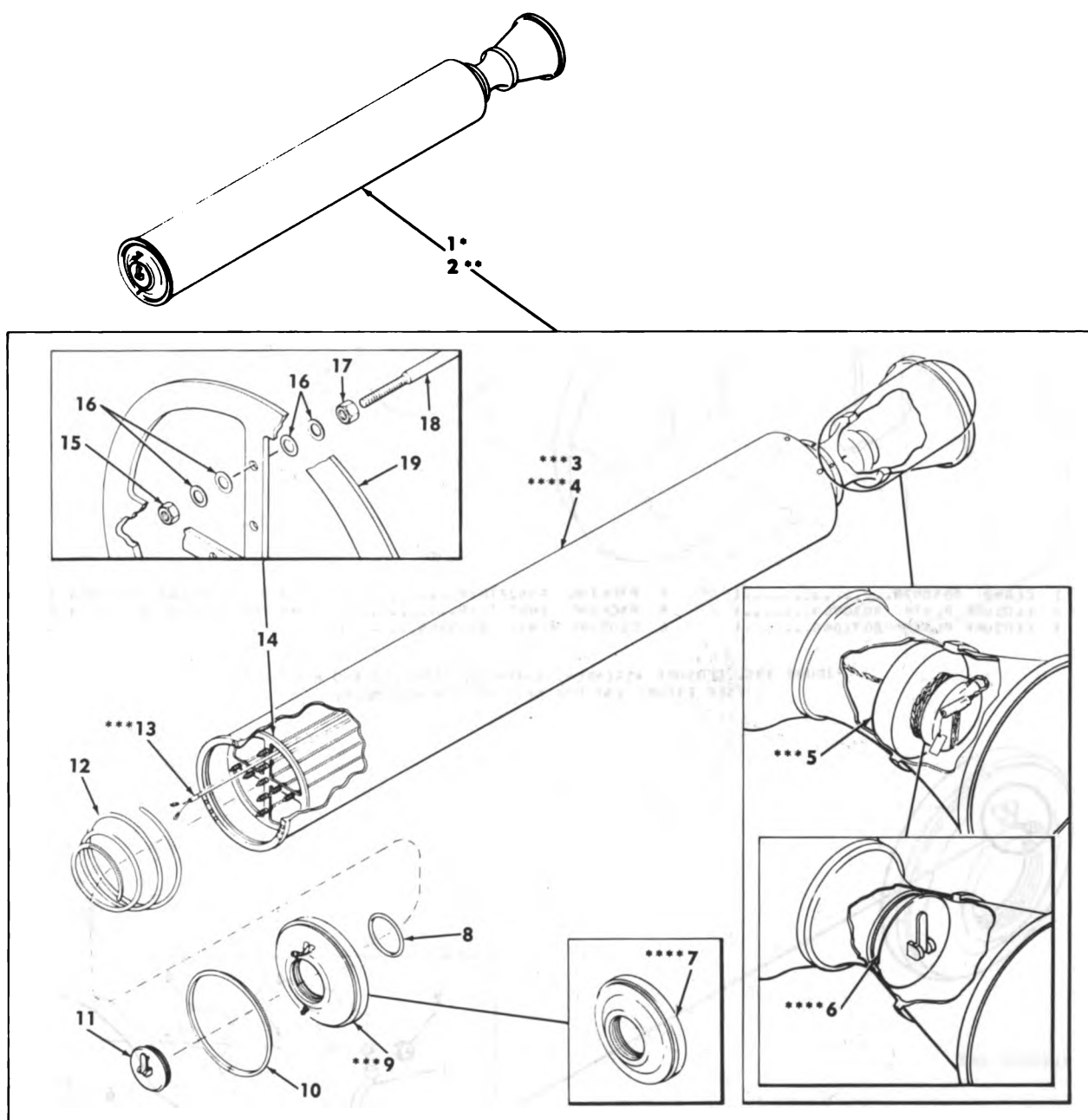
FIGURE 138. CLOSURE ASSEMBLY, SHIPPING /8030967 AND 8031040/
/SEE FIGURE 137 FOR NEXT HIGHER ASSEMBLY/



ORD G336901

- | | | |
|--|---------------------------|----------------------------|
| 1 WIRING HARNESS 8025049.....1 | 3 NUT MS35649-262.....2 | 7 NUT 8025044.....2 |
| SEE FIGURE 171, NUMBER 31
FOR DETAILS | 4 COVER 8025048.....2 | 8 HEAD 8025049.....1 |
| 2 NUT MS21044406.....4 | 5 GASKET 8025045.....2 | 9 CLIP 8025043.....1 |
| | 6 INSULATOR 8025047.....2 | 10 SCREW MS35206-225.....1 |

FIGURE 139. HEAD ASSEMBLY /8025012/
/SEE FIGURE 137 FOR NEXT HIGHER ASSEMBLY/



ORD G294931

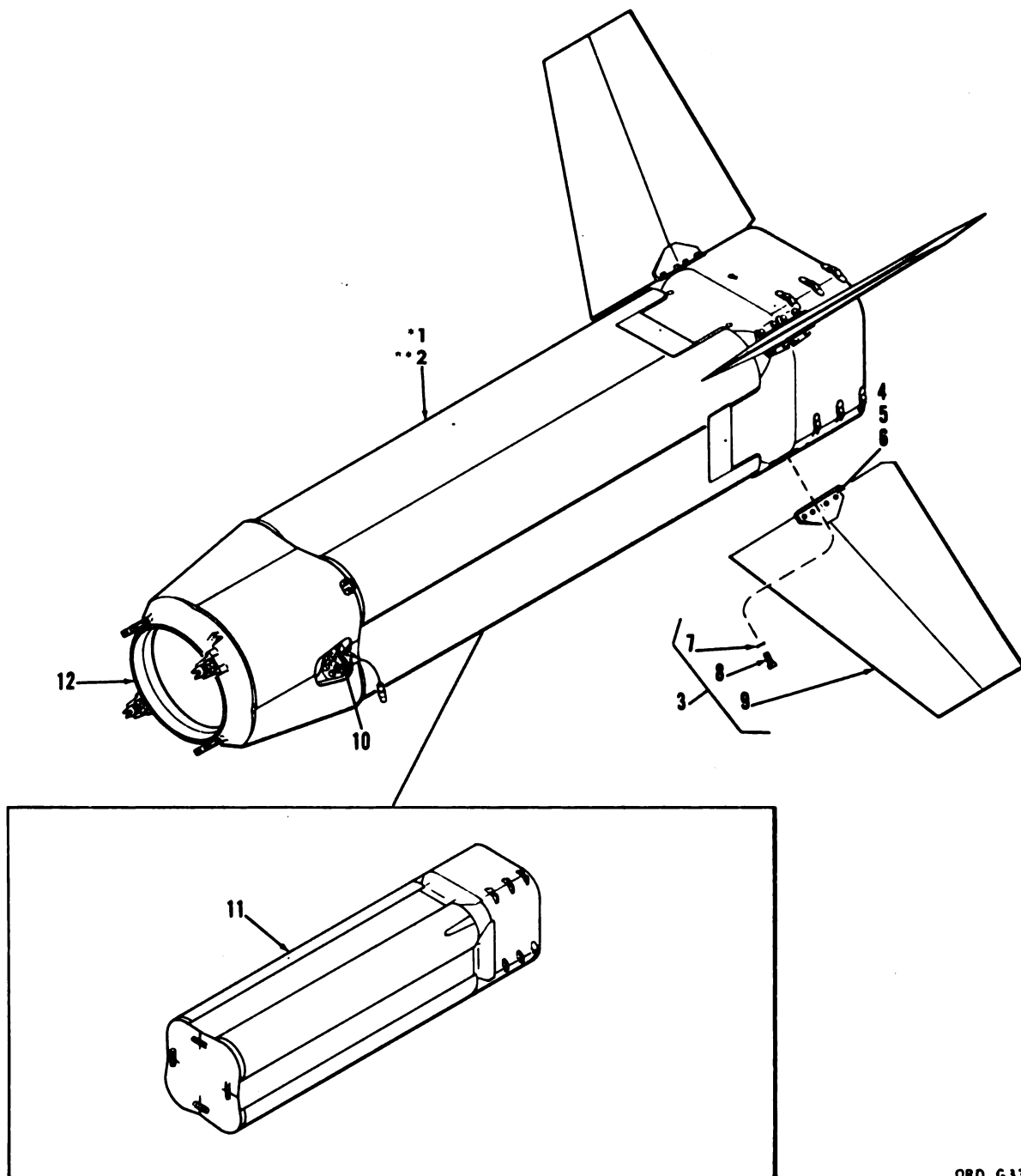
1 ROCKET MOTOR 8030046.....1
 2 ROCKET MOTOR 8030810.....1
 3 BODY 8030044.....1
 4 ROCKET MOTOR BODY
 8030809.....1
 5 CLOSURE ASSEMBLY
 8030041.....1
 6 CLOSURE ASSEMBLY
 8031040.....1
 SEE FIGURE 138 FOR DETAILS
 7 HEAD 8030784.....1
 8 PACKING 8025016.....1

9 HEAD ASSEMBLY
 8025012.....1
 SEE FIGURE 139 FOR DETAILS
 10 RING 8025082.....1
 11 CLOSURE 8030967.....1
 SEE FIGURE 138 FOR DETAILS
 12 SPRING 8025098.....1
 13 WIRING HARNESS
 8030004.....1
 SEE FIGURE 171, NUMBER 30
 FOR DETAILS
 14 ROD 8025087.....1

15 NUT MS21044M3.....9
 16 WASHER 8030931.....36
 17 NUT MS35650-302.....9
 18 ROD 8025031.....9
 19 SUPPORT 8030932.....1

* FOR LOADING ASSEMBLY 8030045
 ** FOR LOADING ASSEMBLY 8030811
 *** COMPONENT OF ITEM 1
 **** COMPONENT OF ITEM 2

FIGURE 137. LOADING ASSEMBLY, ROCKET MOTOR 8030045 AND 8030811/
 /SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/



ORD G336900

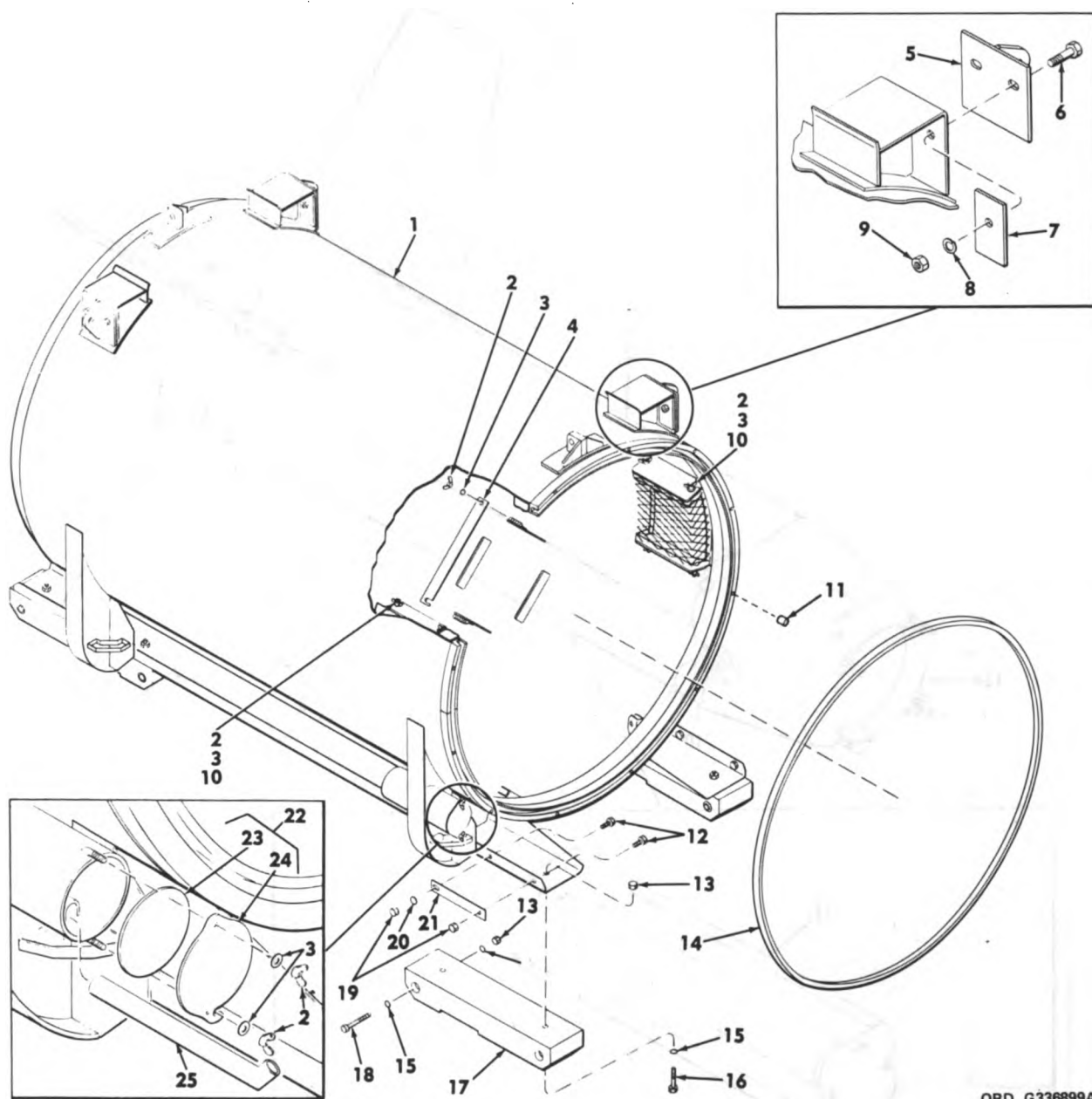
1 LOADING ASSEMBLY 8030045.....4
SEE FIGURE 137 FOR DETAILS
2 LOADING ASSEMBLY 8030811.....4
SEE FIGURE 137 FOR DETAILS
3 SHIPPING KIT 9028340.....1
4 SCREW MS24694S151.....20
5 NUT MS21044N5.....20
6 WASHER AN960-516.....20

7 WASHER AN960-R16.....32
8 BOLT 8166466.....32
9 FIN ASSEMBLY 8530458.....4
10 IGNITER 8031024.....4
SEE FIGURE 140 FOR DETAILS
11 WINTERIZATION KIT
9027320.....1
SEE FIGURE 141 FOR DETAILS

12 SHIPPING KIT 9028341.....1
SEE FIGURE 143 FOR DETAILS

* FOR ROCKET MOTOR 8525883
** FOR ROCKET MOTOR 9020717

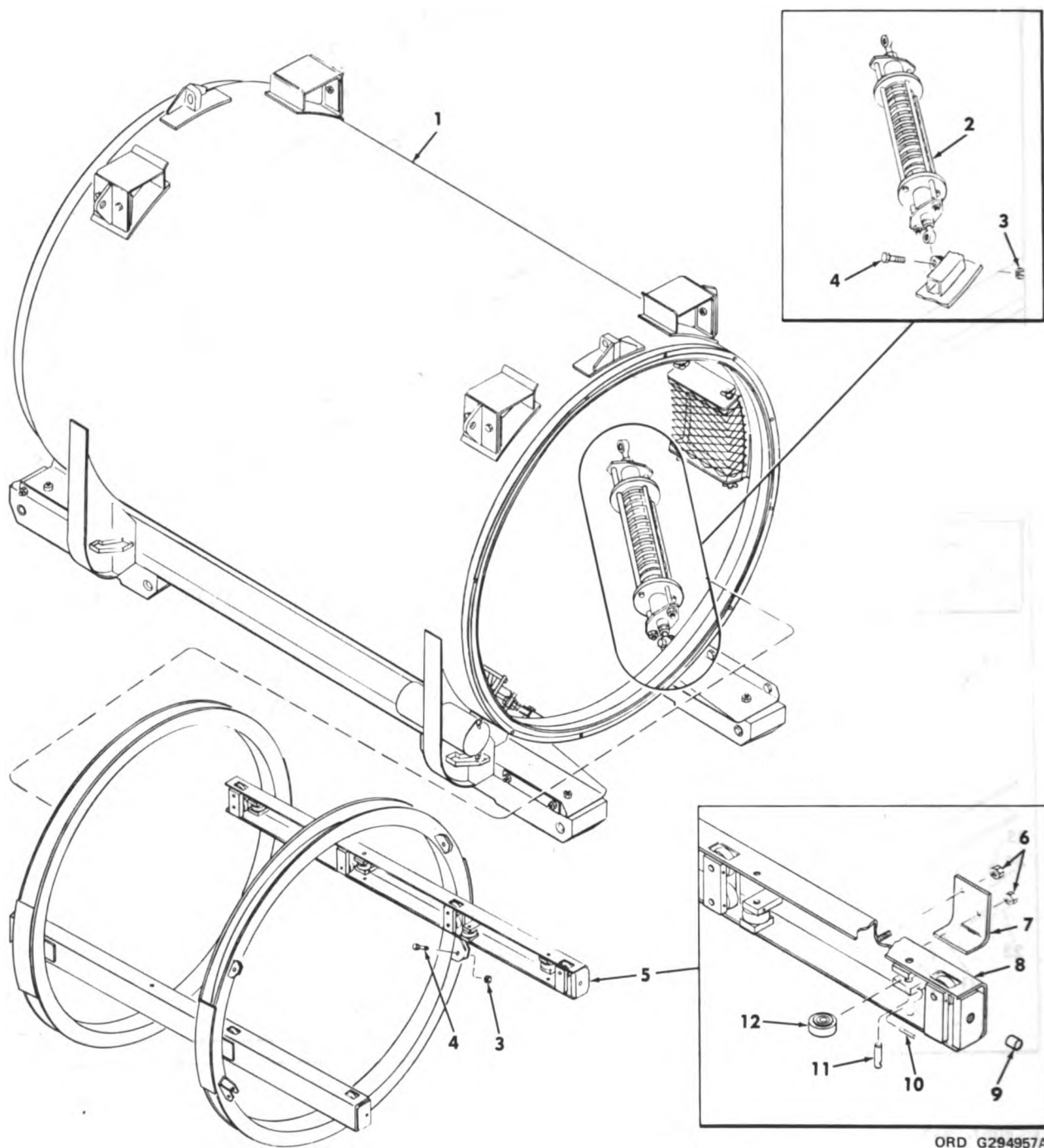
FIGURE 136. ROCKET MOTOR, M42 /X442F2 8525883 AND 842A1 9020717/



ORD G336899A

1	CONTAINER ASSEMBLY	9	NUT MS51968-14.....4	18	SCREW MS90725-176.....8
2	NUT MS35425-41.....12	10	DOOR 9019902.....4	19	NUT MS51922-33.....8
3	WASHER MS27183-12.....12	11	INSERT MS124667.....12	20	WASHER MS27183-18.....4
4	STRAP 9031521.....1	12	SCREW MS90725-112.....8	21	STRAP 9031503.....4
5	PAD 9019991.....4	13	NUT MS51922-49.....16	22	COVER ASSEMBLY MS25674.....1
6	SCREW MS90726-115.....8	14	SEAL 9019882.....1	23	GASKET MS25677.....1
7	PLATE 9019990.....8	15	WASHER MS27183-21.....24	24	COVER MS25674-3.....1
8	WASHER MS35338-48.....4	16	SCREW MS90725-177.....8	25	HANDLE MS25679.....1
		17	SKIN 9031491.....4		

FIGURE 135. CONTAINER ASSEMBLY, BOLTED, WARHEAD /9031495/
/SEE FIGURE 134 FOR NEXT HIGHER ASSEMBLY/



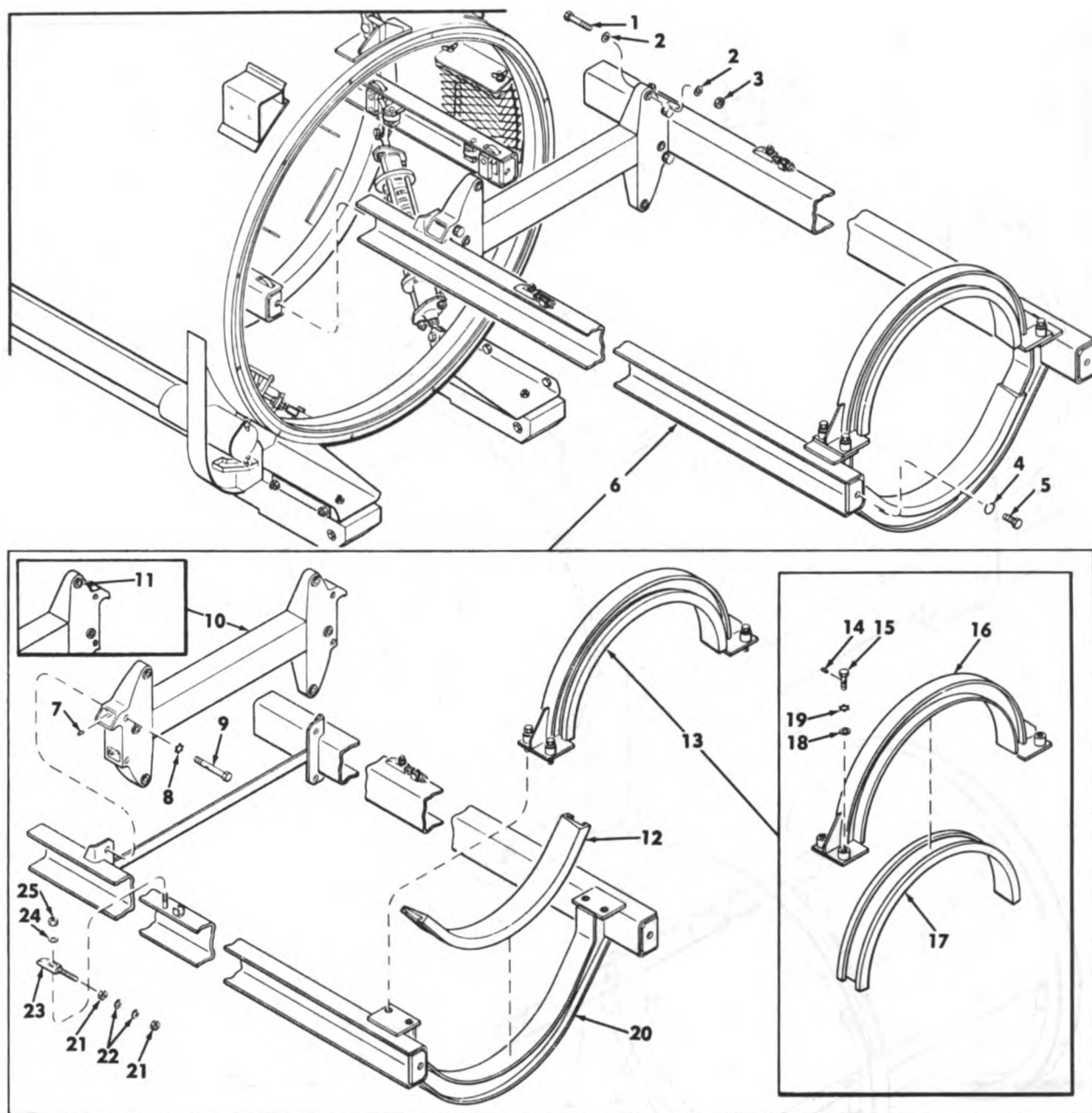
ORD G294957A

1 CONTAINER ASSEMBLY
9031495.....1
SEE FIGURE 135 FOR DETAILS
2 STRUT ASSEMBLY 9031466-2.....8
SEE FIGURE 130 FOR DETAILS
3 NUT M551922-49.....16

4 SCREW M590725-165.....16
5 TRACK ASSEMBLY 9031493.....1
6 NUT M551922-13.....2
7 STOP 9031506.....1
8 RAIL ASSEMBLY
9031506.....1

9 INSERT M51270AP.....2
10 PIN M535674-19.....20
11 PIN 9525646.....20
12 BEARING 902R266.....20

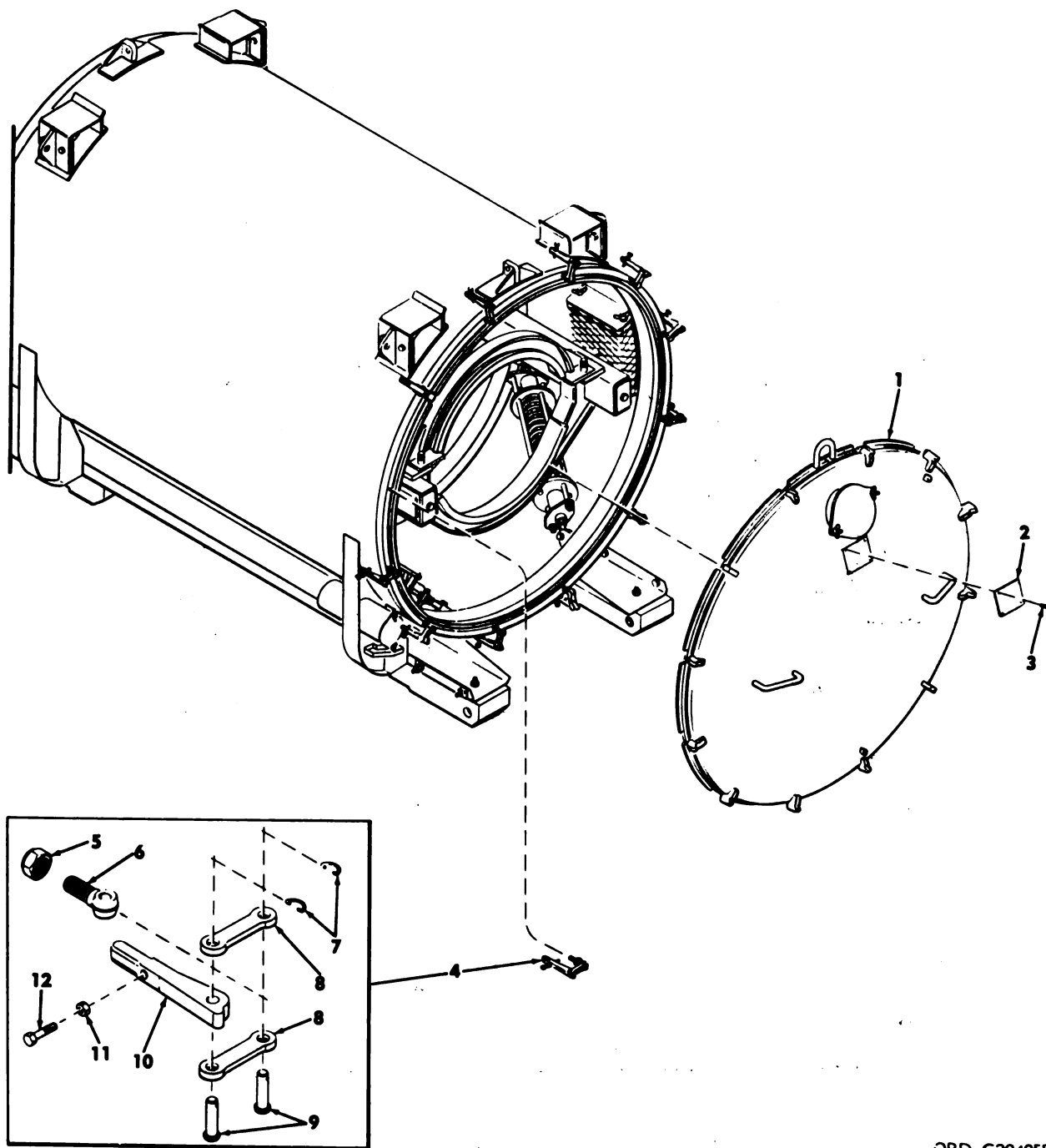
FIGURE 134. SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 / 9031006/



ORD G339071

1 BOLT MS90726-43.....6	10 BRACKET ASSEMBLY 90314R2.....1	18 WASHER MS27183-18.....4
2 WASHER MS27183-12.....12	11 WASHER 90314R4.....6	19 WASHER MS35355-37.....4
3 NUT MS21044N5.....6	12 PAD 9031465-2.....1	20 PAIL ASSEMBLY 9031477.....1
4 WASHER MS35378-51.....2	13 STRAP ASSEMBLY 9031474.....1	21 NUT MS35691-33.....4
5 SCREW MS91099-15R.....2	14 PIN MS35674-13.....4	22 WASHER MS27183-18.....4
6 TRACK ASSEMBLY 9031471.....1	15 SCREW 9030569.....4	23 WEDGE LOCK TRACK 9031483.....2
7 PIN MS35674-13.....4	16 STRAP 9031473.....1	24 WASHER MS27183-15.....2
8 WASHER MS35355-37.....4	17 PAD 9031465-1.....1	25 NUT MS51922-17.....2
9 SCREW 90314R5.....4		

FIGURE 133. SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 /9031006/



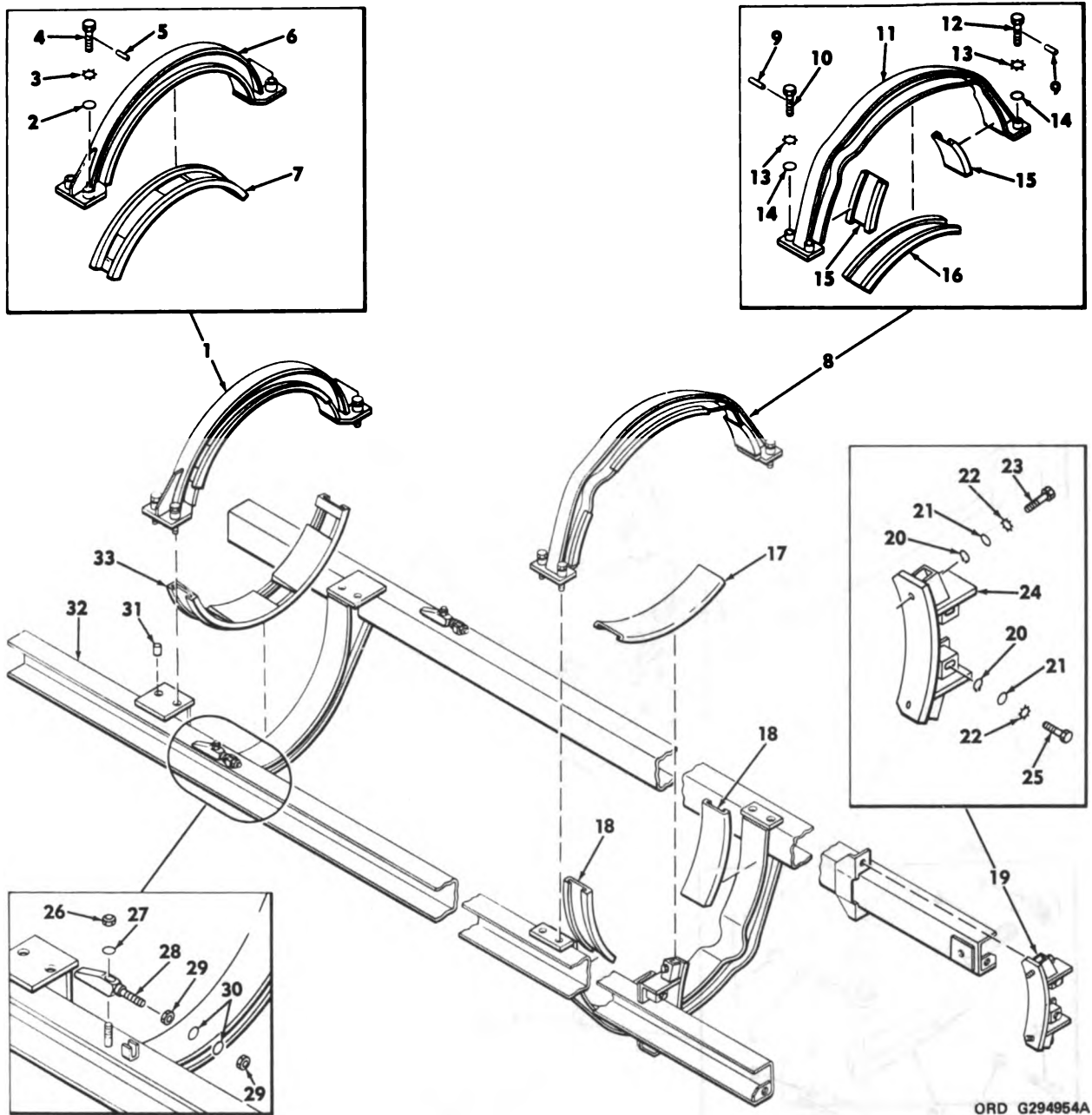
ORD G294955

1 COVER 9019874.....1
 SEE FIGURE 127 FOR DETAILS
 2 NAMEPLATE M525605.....2
 3 SCREW M521318-15.....8
 4 FASTENER 9031486.....12

5 NUT M535691-53.....1
 6 BOLT 9031502.....1
 7 CLIP 902R761.....2
 8 LINK 9031488.....2
 9 PIN M520397-6L41.....2

10 HANDLE 9031489.....1
 11 NUT M535691-9.....1
 12 BOLT M590725-36.....1

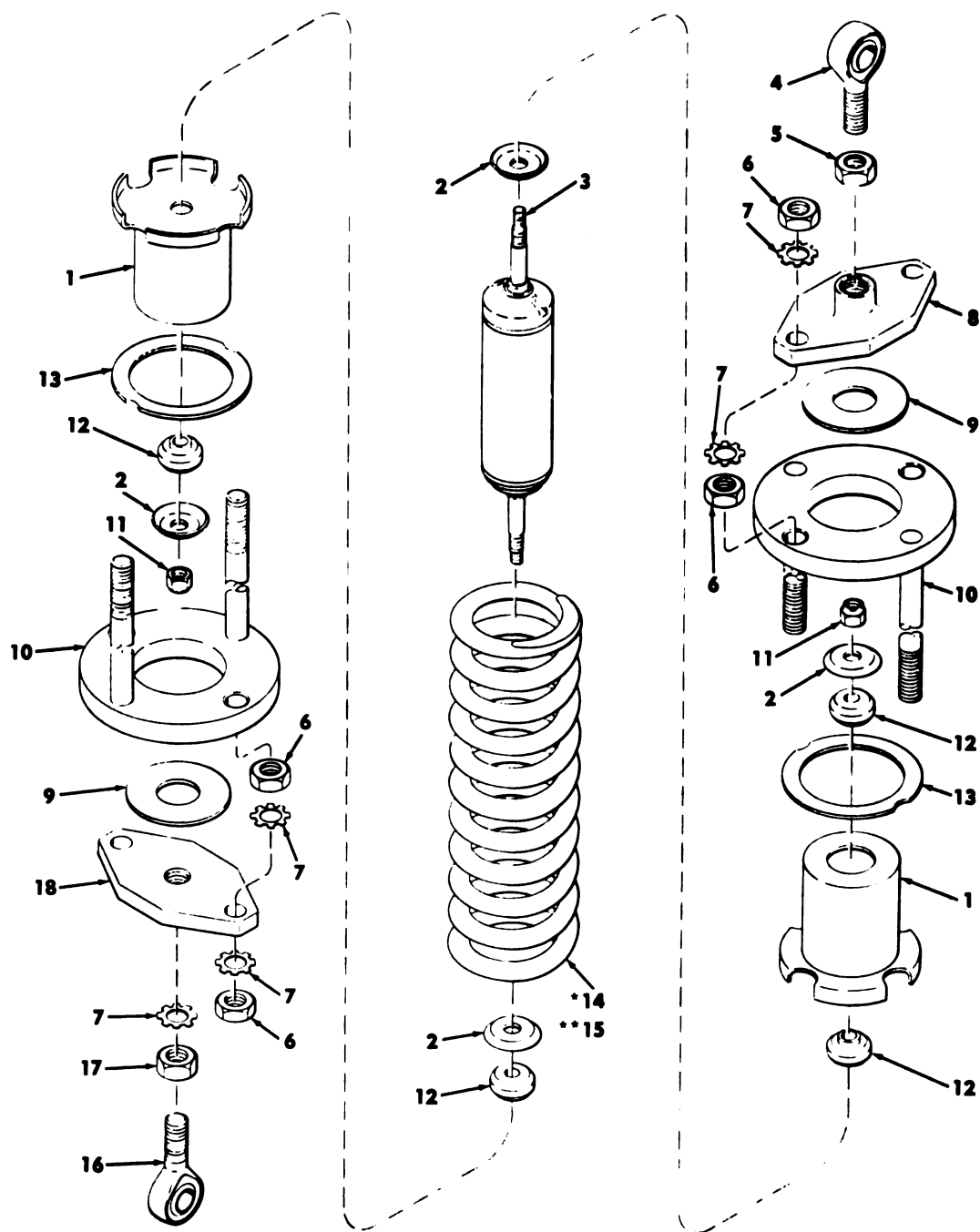
FIGURE 132. SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 /9031006/



ORD G294954A

1 STRAP ASSEMBLY 9031475.....1	14 WASHER MS27183-18.....4	25 SCREW MS90725-118.....2
2 WASHER MS27183-18.....4	15 PAD 9031462-2.....2	26 NUT MS51922-17.....2
3 WASHER MS35335-37.....4	16 PAD 9031462-1.....1	27 WASHER MS27183-19.....2
4 SCREW 9030569.....4	17 CUSHION 9031462.....1	28 WEDGE LOCK TRACK 9031483.....2
5 PIN MS35674-13.....4	18 PAD 9031462-3.....2	29 NUT MS35691-33.....4
6 STRAP 9031473.....1	19 BRACKET ASSEMBLY 8525694.....2	30 WASHER MS27183-18.....4
7 PAD 9019510.....1	20 RING MS16633-1050.....4	31 INSERT 9978143.....8
8 STRAP ASSEMBLY 9031476.....1	21 WASHER MS27183-18.....4	32 RAIL ASSEMBLY 9031505.....1
9 PIN MS35674-13.....4	22 WASHER MS35335-37.....4	33 PAD 9019510.....1
10 BOLT MS25699.....2	23 SCREW MS90726-117.....2	
11 STRAP 9031461.....1	24 BRACKET ASSEMBLY 9031451.....1	
12 SCREW 9030569.....2		
13 WASHER MS35335-37.....4		

FIGURE 131. TRACK ASSEMBLY, MOVABLE, AFT BODY /9031499/
/SEE FIGURE 126 FOR NEXT HIGHER ASSEMBLY/



MI 39362

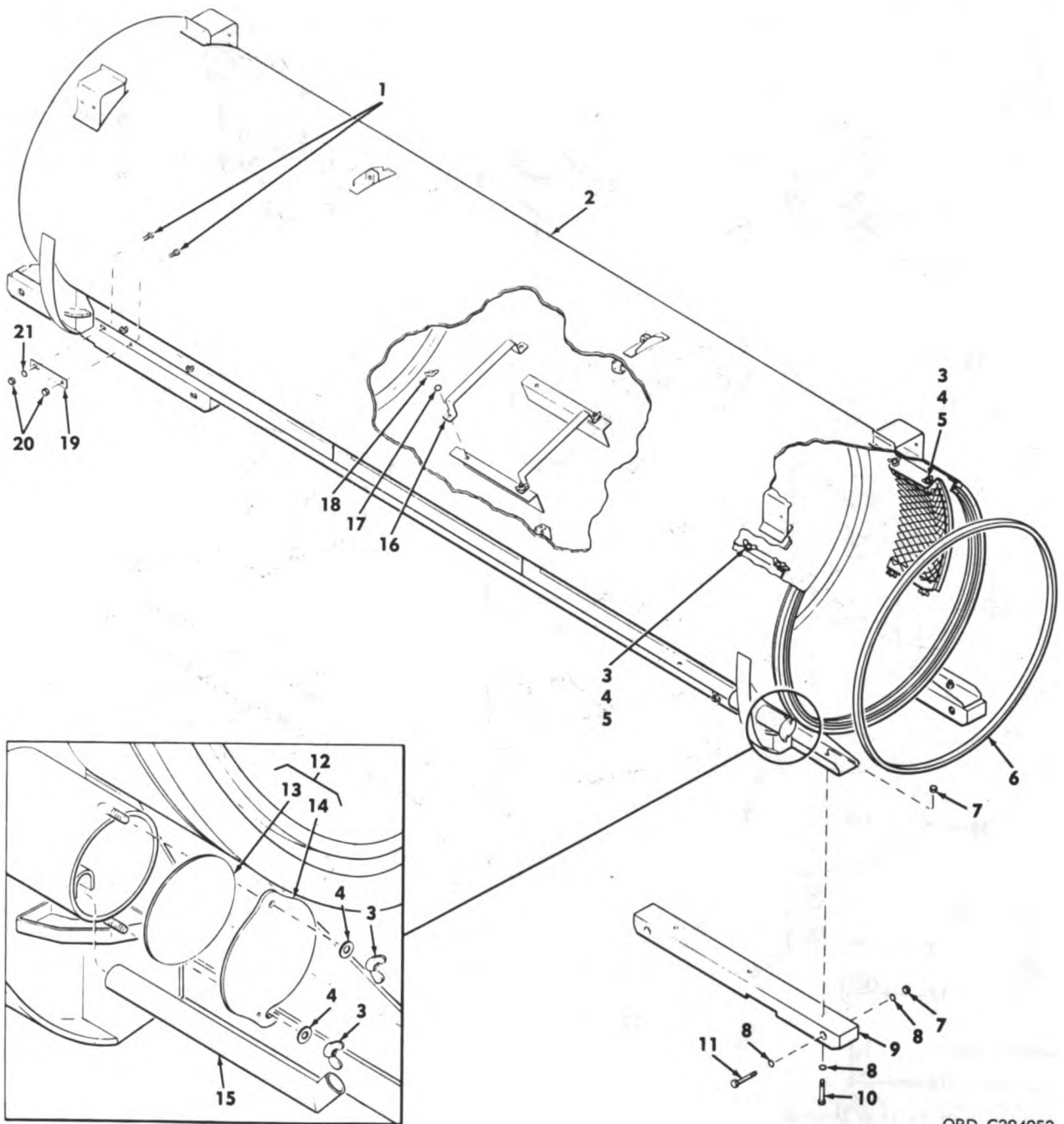
1 CUP ASSEMBLY 9031470.....2
 2 RETAINER 9030551.....4
 3 SHOCK ABSORBER 8525691.....1
 4 BEARING 9020597.....1
 5 NUT MS4590551.....1
 6 NUT MS35691-49.....8
 7 WASHER MS35115-39.....9
 8 PLATE 9020886.....1

9 PAD 9030556.....2
 10 RING ASSEMBLY 9030555.....2
 11 NUT MS21045-6.....2
 12 BUSHING 9019231.....4
 13 CUSHION 9030554.....2
 14 SPRING 9031468.....1
 15 BEARING 9020594.....1

17 NUT MS35691-53.....1
 18 PLATE 9030557.....1

* FOR STRUT ASSEMBLY 9031466-1
 ** FOR STRUT ASSEMBLY 9031466-2

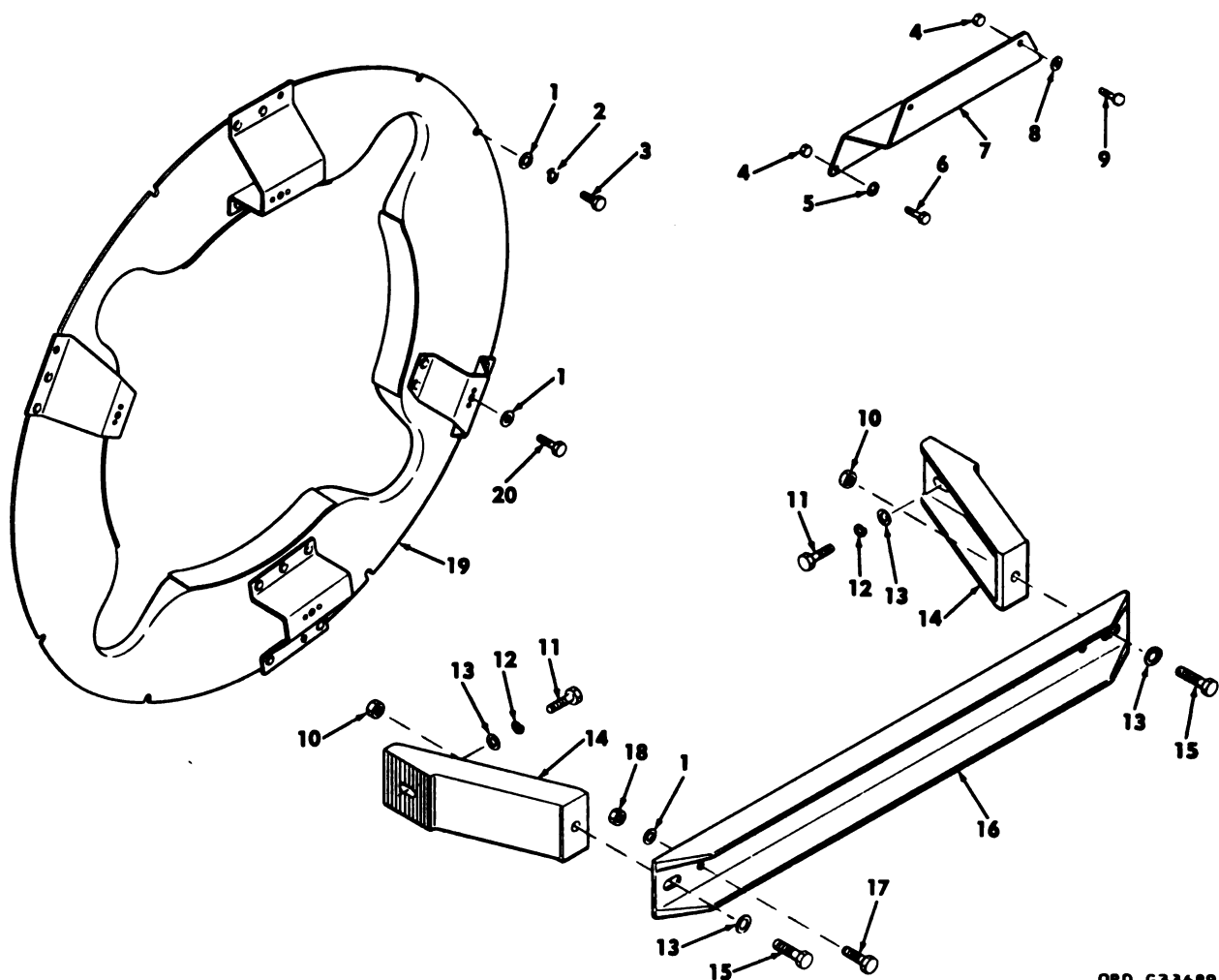
FIGURE 130. STRUT ASSEMBLY, SUSPENSION /9031466-1 AND 9031466-2/
 /SEE FIGURES 126 AND 134 FOR NEXT HIGHER ASSEMBLIES/



ORD G294952

1	SCREW MS90725-112.....A	A	WASHER MS27183-21.....28	16	STRAP 9028063.....2
2	CONTAINER ASSEMBLY	9	SKID 9031492.....4	17	WASHER MS27183-10.....4
	9031496.....1	10	SCREW MS90725-172.....12	18	NUT MS35425-39.....4
3	NUT MS35425-41.....10	11	SCREW MS90725-176.....A	19	STRAP 9031503.....4
4	WASHER MS27183-12.....10	12	COVER ASSEMBLY 8525674.....1	20	NUT MS51922-33.....8
5	DOOR 9019902.....4	13	GASKET 8525677.....1	21	WASHER MS27183-18.....4
6	SEAL 9019882.....1	14	COVER 8525674-3.....1		
7	NUT MS51922-49.....20	15	HANDLE 8525679.....1		

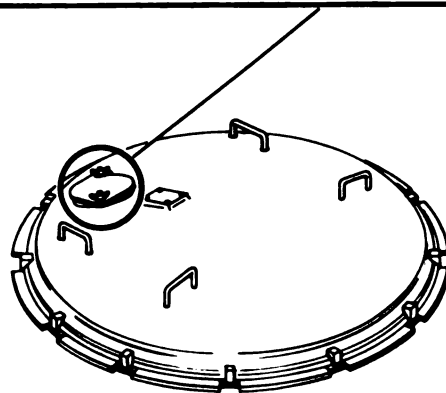
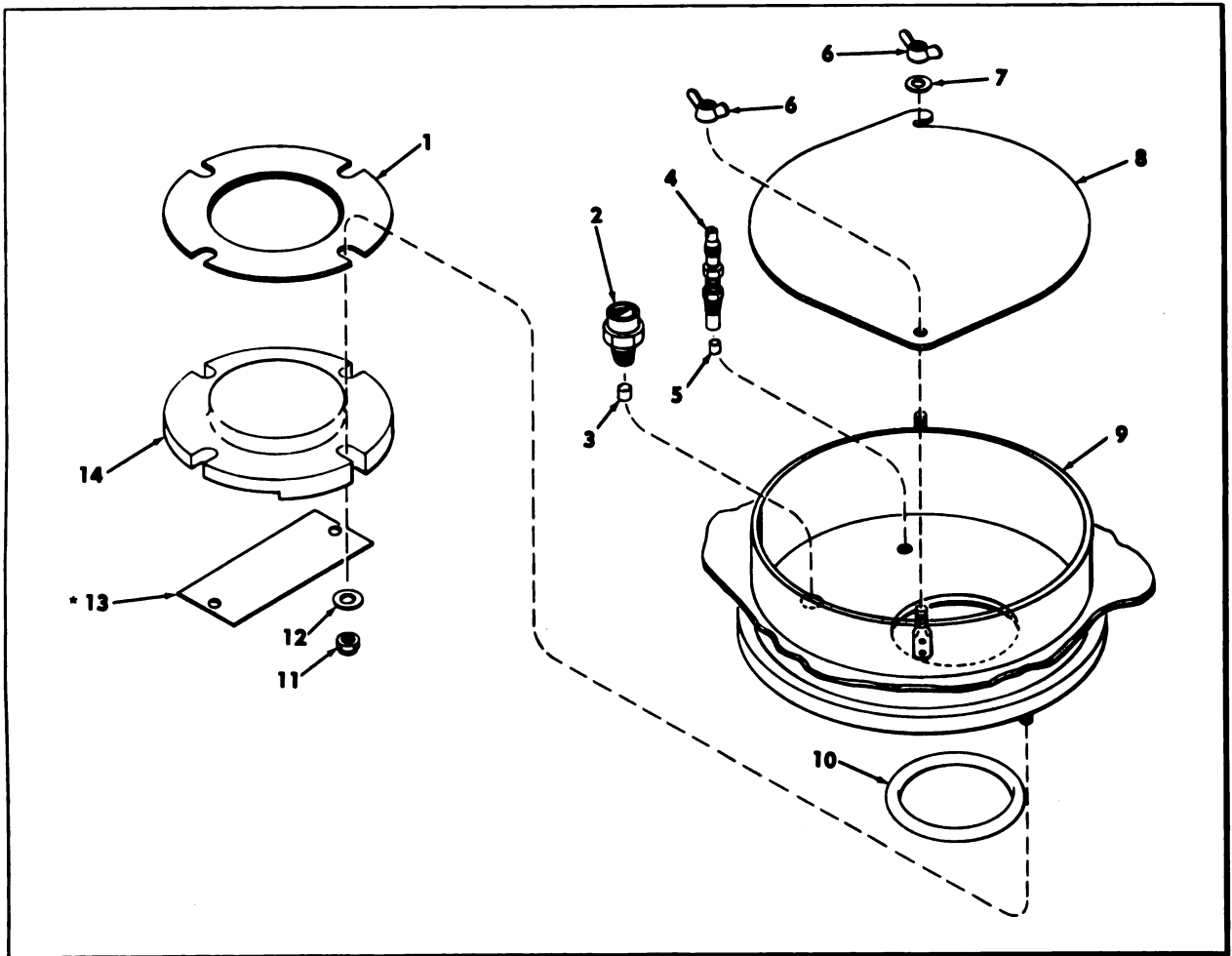
FIGURE 129. CONTAINER ASSEMBLY, BOLTED, AFT BODY /9031497/
/SEE FIGURE 126 FOR NEXT HIGHER ASSEMBLY/



ORD G336897

1 WASHER MS27183-12.....16	9 WASHER MS63040-3.....4	15 SCREW MS90725-114.....2
2 WASHER MS35338-45.....10	9 BOLT AN3-4A.....4	16 CHANNEL 4031384.....1
3 BOLT AN5-5A.....10	10 NUT MS51922-33.....2	17 BOLT MS90725-36.....2
4 NUT MS21042L3.....8	11 SCREW MS90725-111.....2	18 NUT MS51922-9.....2
5 WASHER MS15795-80R.....4	12 WASHER MS35338-4A.....2	19 RING ASSEMBLY 9031387.....1
6 BOLT AN3-6A.....4	13 WASHER MS27183-18.....4	20 SCREW MS90726-34.....4
7 SUPPORT 8530451.....2	14 ARM 9031385.....2	

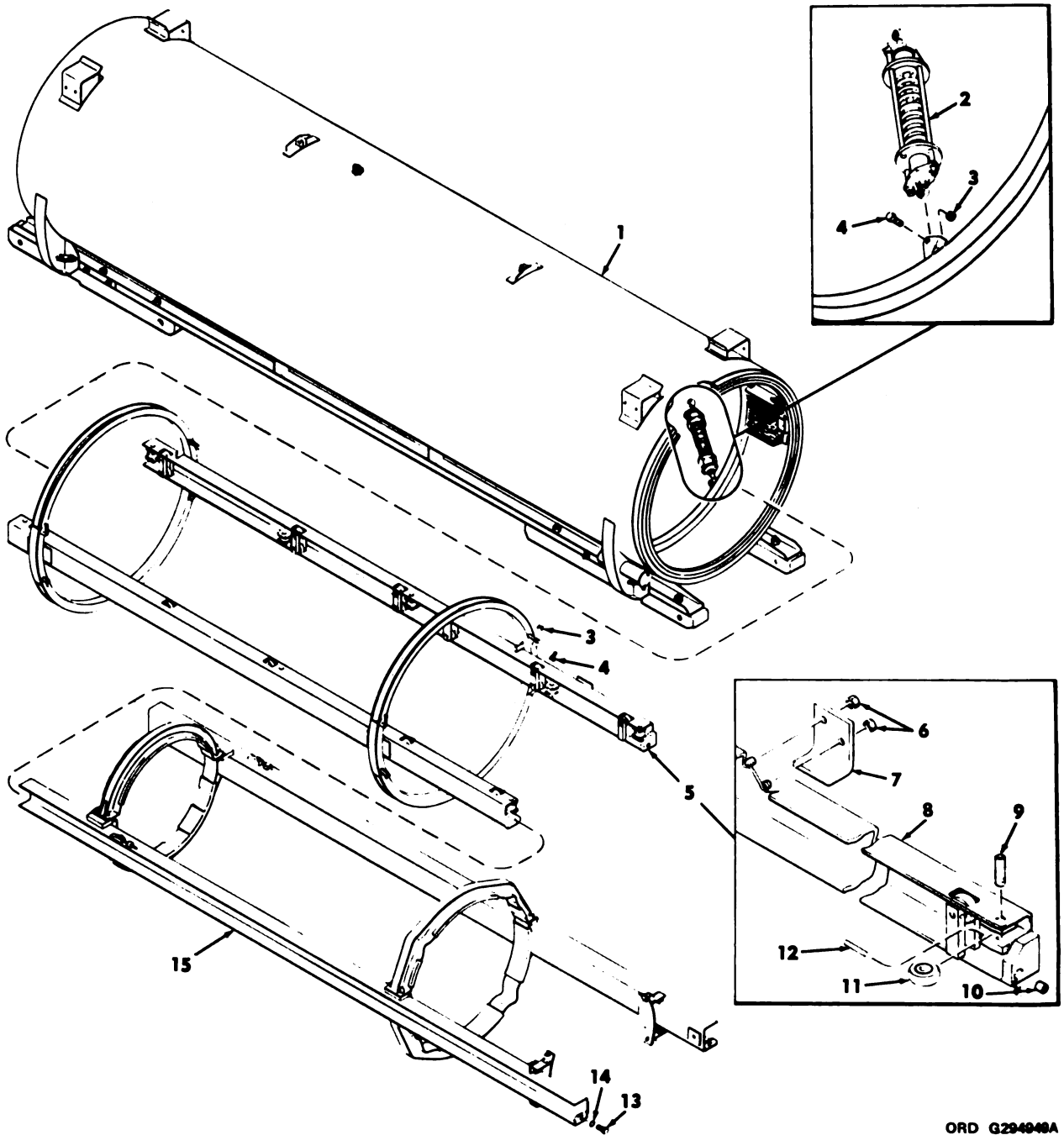
FIGURE 12B. ADAPTER INSTALLATION, NOSE SHIPPING /9031386/
/SEE FIGURE 12A FOR NEXT HIGHER ASSEMBLY/



ORD G337338A

1 FRAME 8525682.....1	7 WASHER MS27183-14.....1	13 INDICATOR MS20003-2.....2
2 VALVE 8485438.....1	8 COVER PLATE MS25678.....1	14 WINDOW MS25681.....1
3 INSERT 9978050.....1	9 COVER 9019817.....1	
4 VALVE 8515929.....1	10 GASKET 9019850.....1	
5 INSERT 9978049.....1	11 NUT MS51922-1.....4	
6 NUT MS35425-42.....2	12 WASHER MS27183-10.....4	* FURNISHED WITH SHIPPING KITS 8530406

FIGURE 127. COVER, SHIPPING CONTAINER /9019874/
/SEE FIGURES 125 AND 132 FOR NEXT HIGHER ASSEMBLIES/



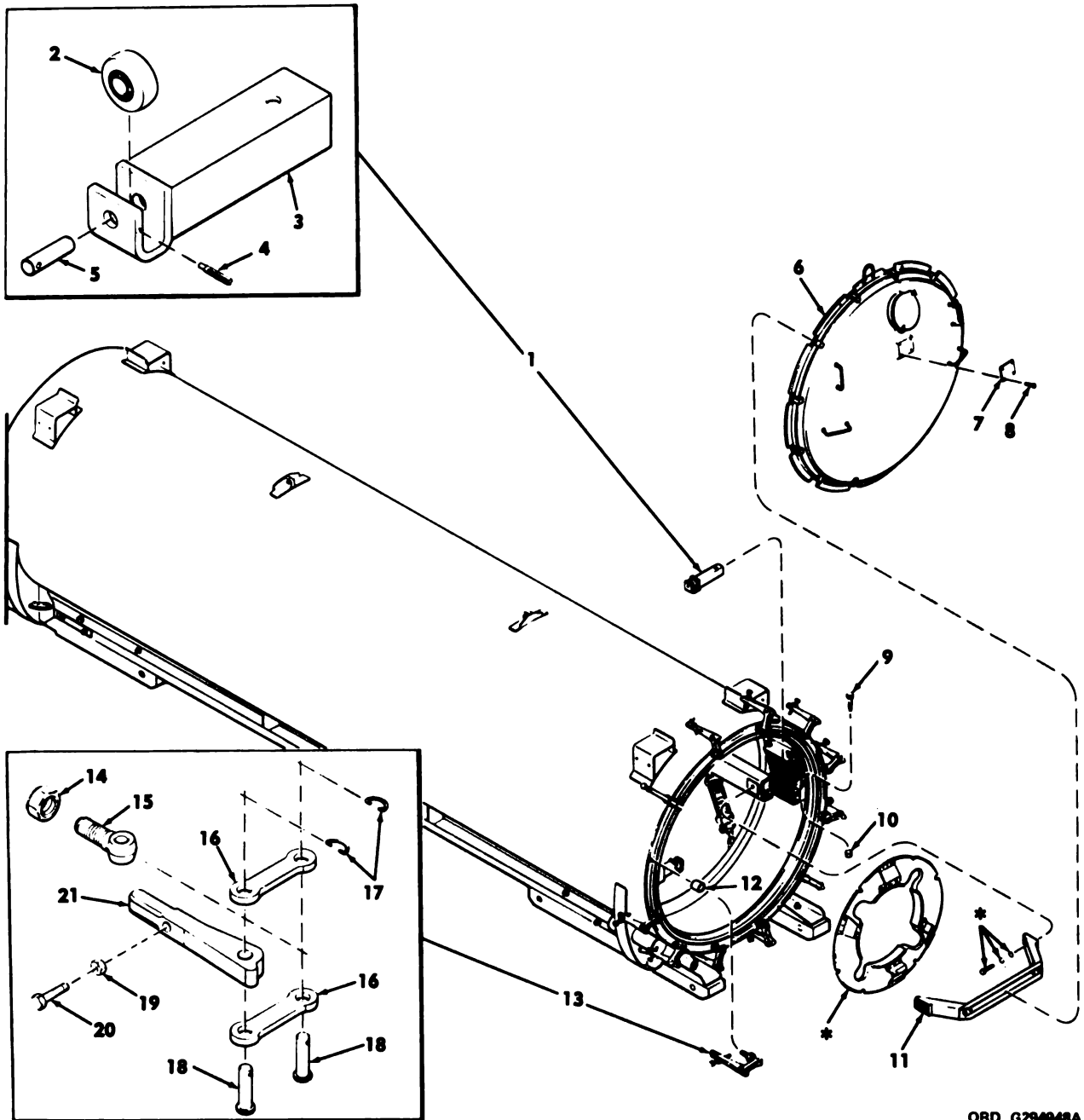
ORD G294948A

1 CONTAINER ASSEMBLY
9031497.....1
SEE FIGURE 129 FOR DETAILS
2 STRUT ASSEMBLY 9031466-1....4
SEE FIGURE 130 FOR DETAILS
3 NUT M551922-49.....16
4 SCREW M590725-165.....16

5 TRACK ASSEMBLY 9031498.....1
6 NUT M551922-33.....2
7 STOP 9031506.....1
8 RAIL ASSEMBLY
9031517.....1
9 PIN M525646.....30
10 INSERT M512708A.....2

11 BEARING 9228266.....30
12 PIN M535674-19.....30
13 SCREW M551099-15A.....2
14 WASHER M535338-51.....2
15 TRACK ASSEMBLY 9031499.....1
SEE FIGURE 131 FOR DETAILS

FIGURE 126. SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M417 /9031007/



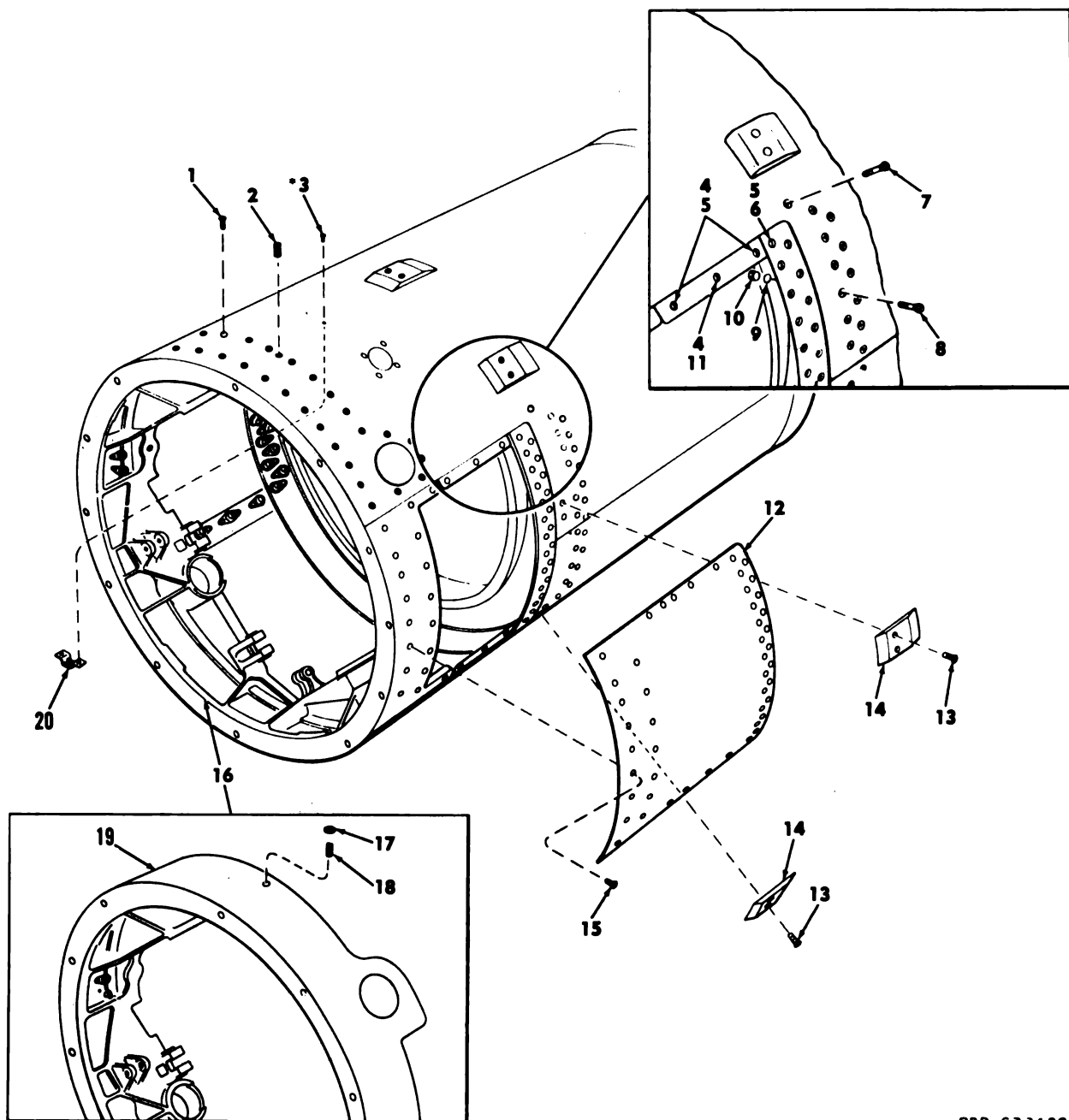
1 ROLLER 9031530.....2
2 BEARING 9028266.....1
3 ARM ASSEMBLY 9031528.....1
4 PIN MS35674-19.....1
5 PIN MS25646.....1
6 COVER 9019874.....1
7 NAMEPLATE MS25605.....2
8 SCREW MS21318-15.....4

9 SCREW MS90725-70.....2
10 NUT MS51922-17.....2
11 ADAPTER INSTALLATION
9031386.....1
SEE FIGURE 128 FOR DETAILS
12 INSRT MS124662.....12
13 FASTENER 9031486.....12
14 NUT MS35691-53.....1
15 BOLT 9031502.....1

ORD G284048A
16 LINK 9031488.....2
17 CLIP 9028261.....2
18 PIN MS20392-6C41.....2
19 NUT MS35691-9.....1
20 BOLT MS90725-36.....1
21 HANDLE 9031489.....1

* COMPONENT OF ITEM 11

FIGURE 125. SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M410 /9031007/

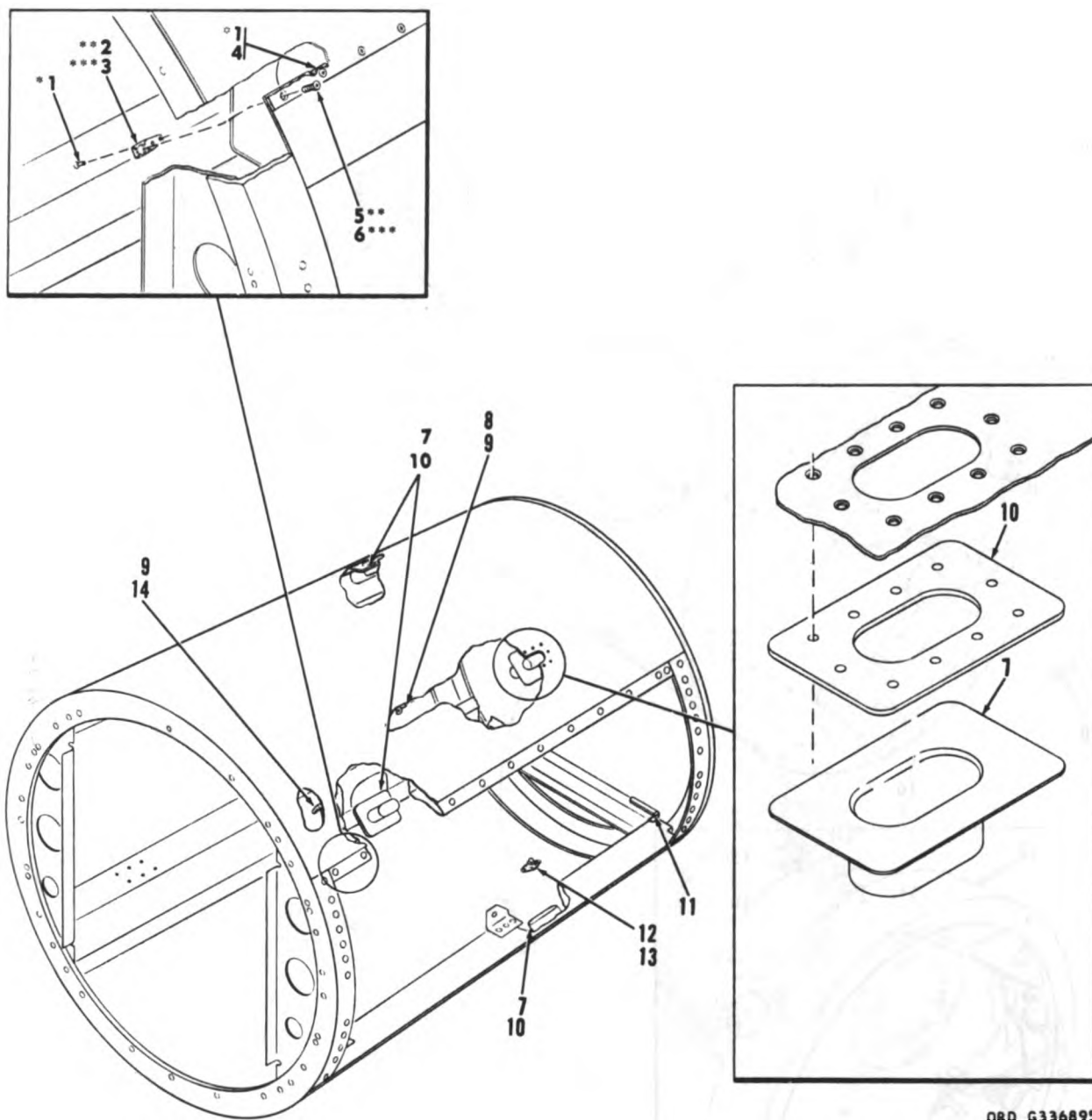


ORD G336896

1 SCREW 852421R.....69	9 WASHER AN960-416.....48	17 RING 90205R2.....1
2 SETSCREW MS51023-R7.....1	10 NUT MS21040L4.....48	18 INSERT 90205R0.....1
3 RIVET MS20426AD3-5.....2	11 NUT MS21047L4.....4	19 SUPPORT 8524470-3.....1
4 RIVET MS20426AD3-6.....24	12 COVER 8524790.....2	20 PACKET ASSEMBLY 902R072.....1
5 NUT MS21051L4.....56	13 SCREW MS24694S53.....16	
6 RIVET MS20426AD3-R.....96	14 PANEL 8523325.....8	
7 SCREW MS24694S94.....4	15 SCREW 852421R.....102	
8 SCREW MS24694S98.....48	16 SUPPORT 8524470.....1	

* FOR SERIAL NO. 15406 AND UP

FIGURE 124. STRUCTURE ASSEMBLY /8527196/
/SEE FIGURE 71 FOR NEXT HIGHER ASSEMBLY/



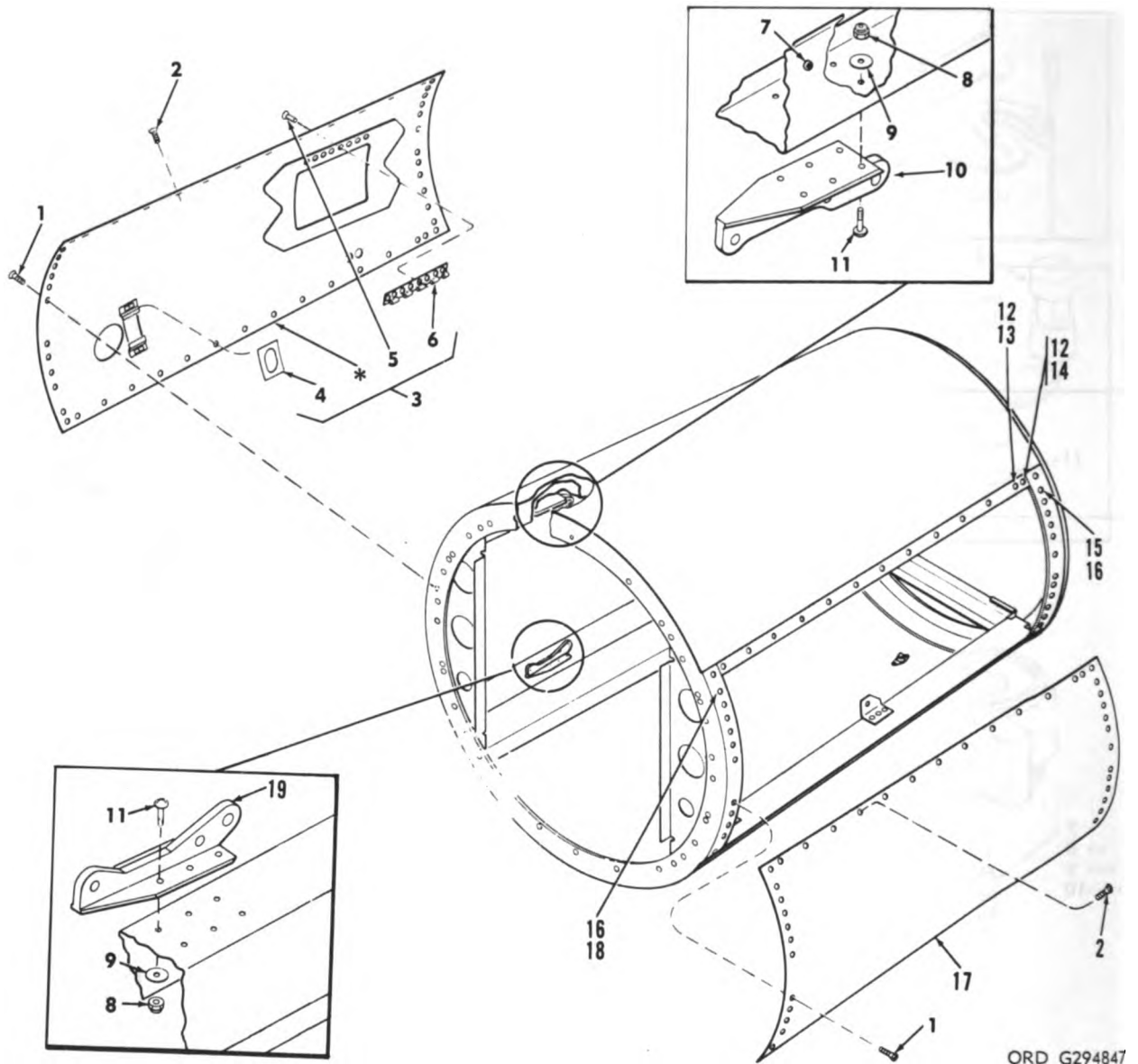
ORD G336895

1 RIVET MS20426AD3-5.....32
 2 NUT 852A831.....A
 3 NUT NAS6A2A1.....A
 4 NUT NAS6A0A3.....8
 5 SCREW MS24694S49.....16
 6 SCREW MS24694S50.....16
 7 BOOT 902R727.....4
 8 RIVET MS20426A116-A.....4

9 BRACKET 902A058.....5
 10 FRAME 902B104.....4
 11 GUARD 9032922.....1
 12 RIVET MS20426AD4-6.....2
 13 NUT 9033628.....1
 14 RIVET MS20426AD6-9.....1

• FOR BODY SECTION 9019698
 WITH SERIAL NO. 14965-19831
 •• FOR BODY SECTION 9019698
 WITH SERIAL NO. 14965-17055
 ••• FOR BODY SECTION 9019698
 WITH SERIAL NO. 17056-19831

FIGURE 123. BODY SECTION, GUIDED MISSILE /9019698/

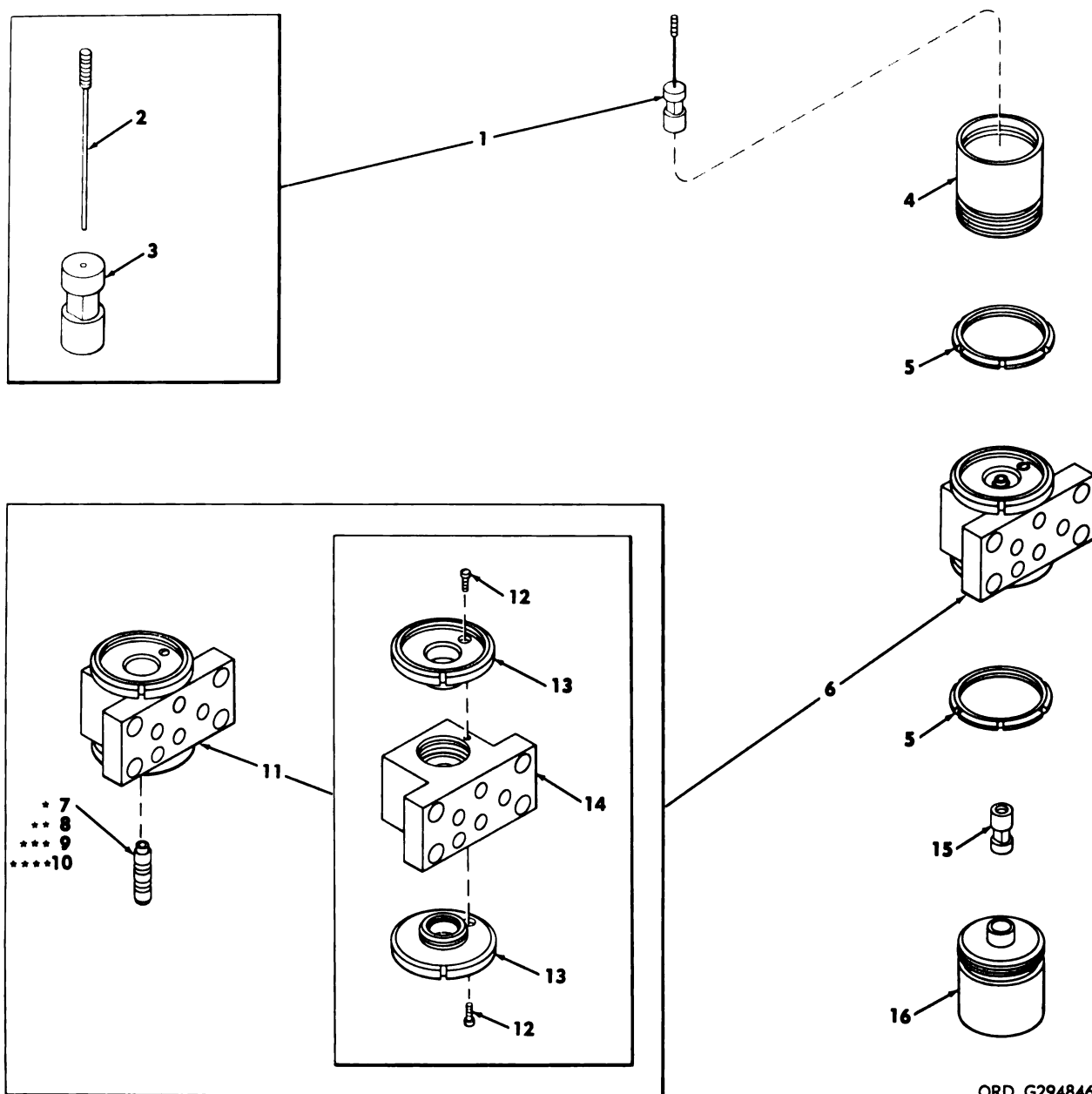


ORD G294847

1	SCREW 9031276.....	94	9	WASHER A167896.....	12	17	COVER 9028165.....	1
2	SCREW 8524218.....	52	10	BRACKET 9019695.....	1	18	RIVET MS20426AD4-9.....	52
3	COVER 902A088.....	1	11	SCREW NAS221-11.....	12	19	SUPPORT 9019696.....	1
4	SEAL A524907.....	1	12	RIVET MS20426AD3-5.....	174			
5	RIVET MS20426AD6-10.....	9	13	NUT MS21059L5.....	44			
6	HINGE HALF 9028101.....	1	14	NUT MS21061L4.....	8			
7	NUT MS27190-72K.....	22	15	RIVET MS20601AD4W5.....	56			
8	NUT MS21042L3.....	12	16	NUT MS21055L5.....	54			

* COMPONENT OF ITEM 3

FIGURE 122. BODY SECTION, GUIDED MISSILE /9019698/
/SEE FIGURE 71 FOR NEXT HIGHER ASSEMBLY/



ORD G294846

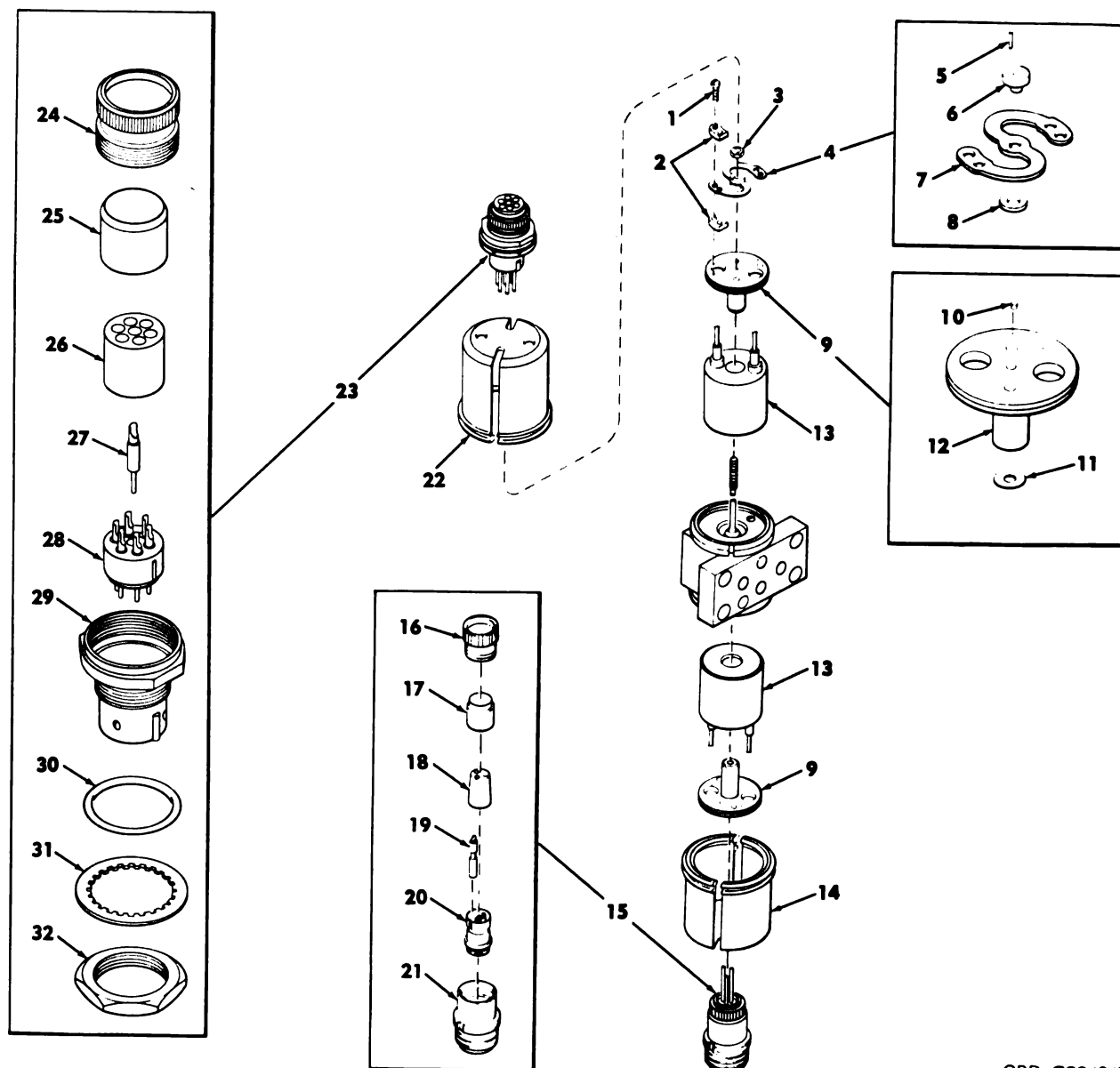
1 ARMATURE ASSEMBLY
8002249.....1
2 ROD 8002252.....1
3 ARMATURE 8002250.....1
4 HOUSING 8002259.....1
5 NUT 8002260.....2
6 LAP ASSEMBLY 9524670.....1
7 PISTON 8163731-1.....1
8 PISTON 8163731-2.....1

9 PISTON 8163731-3.....1
10 PISTON 8163731-4.....1
11 BODY ASSEMBLY
8524671.....1
12 SCREW 8002247.....2
13 ADAPTER 8002246.....2
14 BLOCK AND INSERT
ASSEMBLY 9028259.....1
15 ARMATURE 8002250.....1

16 HOUSING 8002258.....1

* DIA RING .2190-.2192
** DIA RING .2193-.2195
*** DIA RING .2196-.2198
**** DIA RING .2199-.2201

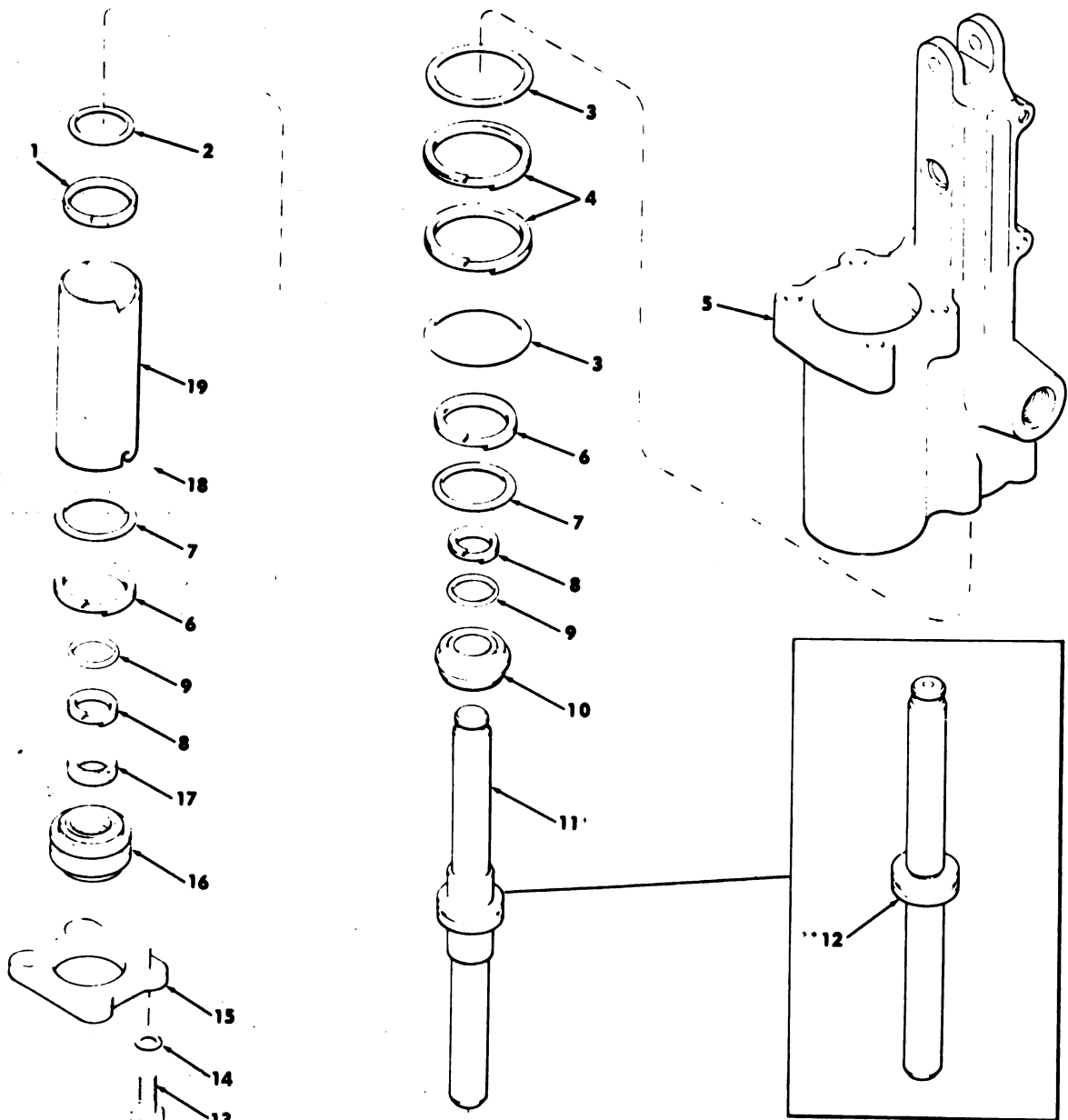
FIGURE 121. VALVE, SOLENOID /9031938/



ORD G294845

1 SCREW AN501-1-5.....4	13 COIL ASSEMBLY M524778.....2	24 PACKING NUT M8700-7-3.....1
2 BLOCK 8002265.....4	14 COVER 9031245.....1	25 INSULATOR M9600-7-3.....1
3 NUT MS35650-314.....1	15 CONNECTOR MS3137E35.....1	26 BUSHING M9700-7-4.....1
4 SPRING ASSEMBLY 8002261.....1	16 PACKING NUT M8700-7-3.....1	27 CONTACT M9600-4N.....7
5 PIN 8002261-3.....1	17 SLEEVE M9600-3-3.....1	28 INSULATOR M9601-7-6A.....1
6 EYELET 8002263.....1	18 BUSHING M9700-3-4.....1	29 SHELL M9601-7-1A.....1
7 SPRING 8002262.....1	19 CONTACT M9600-70-2.....3	30 PACKING M9601-7-8.....1
8 WASHER 8002264.....1	20 INSULATOR M9600-3-5.....1	31 WASHER M9601-7-7.....1
9 POLE ASSEMBLY 8002255.....2	21 SHELL M9700-3-1A.....1	32 NUT M9601-7-5.....1
10 PIN 8013860.....1	22 COVER 8522133.....1	
11 WASHER 8002257.....1	23 CONNECTOR MS3134F7-50P.....1	
12 CORE 8002256.....1		

FIGURE 120. VALVE, SOLENOID /9031245/
/SEE FIGURE 11A FOR NEXT HIGHER ASSEMBLY



ORD G336894

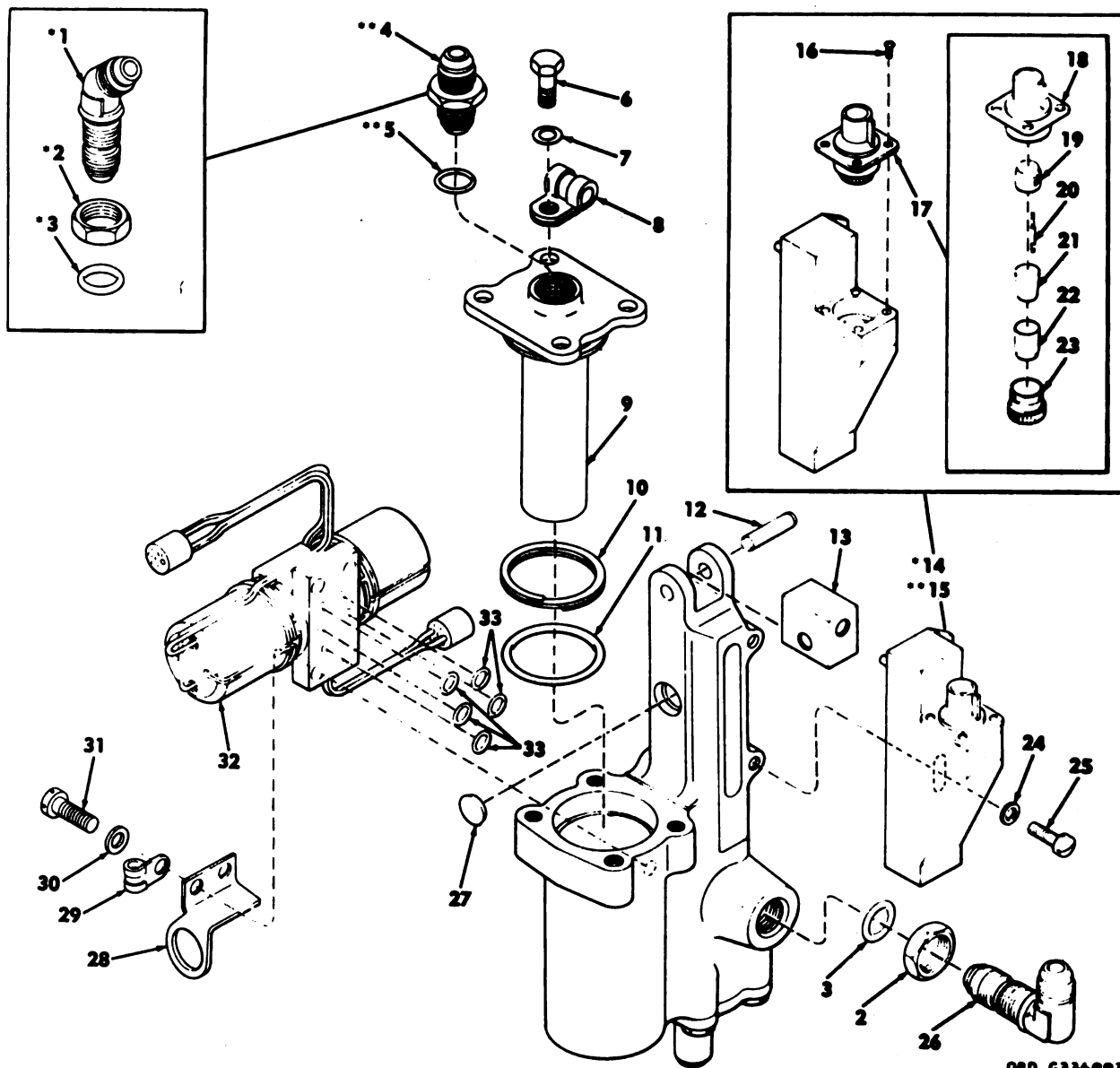
1 RING R525331.....1
2 RING R525331.....1
3 RING R525331.....1
4 RING R525331.....1
5 RING R525331.....1
6 RING R525331.....1
7 RING R525331.....1
8 RING R525331.....1
9 RING R525331.....1
10 RING R525331.....1
11 RING R525331.....1
12 RING R525331.....1
13 RING R525331.....1
14 RING R525331.....1
15 RING R525331.....1
16 RING R525331.....1
17 RING R525331.....1
18 RING R525331.....1
19 RING R525331.....1

10 RING R525331.....1
11 RING R525331.....1
12 RING R525331.....1
13 RING R525331.....1
14 RING R525331.....1
15 RING R525331.....1
16 RING R525331.....1
17 RING R525331.....1
18 RING R525331.....1
19 RING R525331.....1

18 PIN R162610.....1
19 CYLINDER SLEEVE R525331.....1

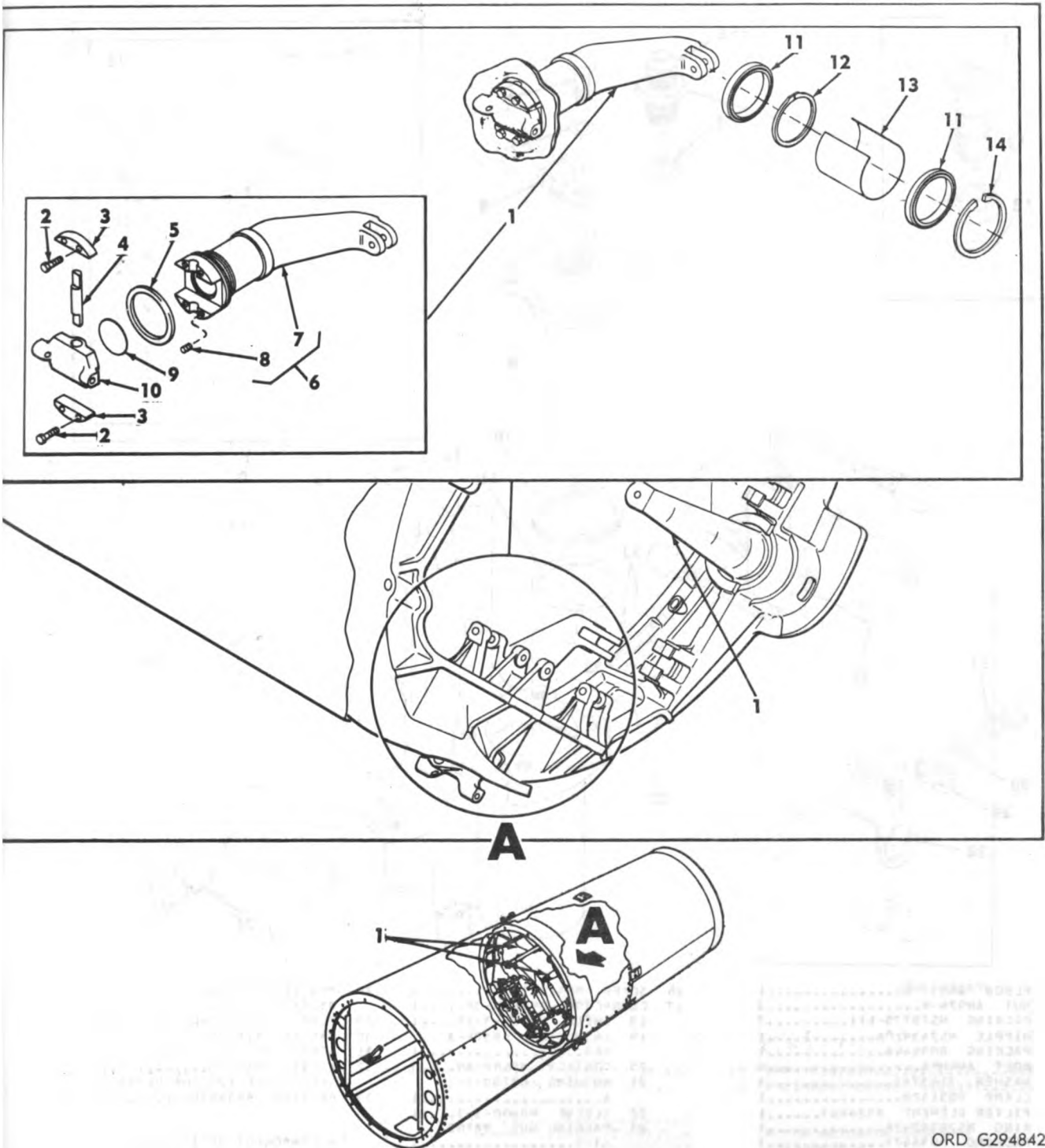
• FOR ACTUATOR ASSEMBLY
R524478
•• FOR ACTUATOR ASSEMBLY
R524475

FOR ACTUATOR ASSEMBLY R524475 AND R524478/



1 ELBOW AN837-6.....1	16 SCREW MS51957-17.....4	28 BRACKET PLUS MOUNTING
2 NUT AN924-6.....2	17 CONNECTOR NM9606-3P.....1	AS29494.....1
3 PACKING MS28775-111.....2	18 SHELL M9606-3-1A.....1	29 CLAMP MS21919MDG3.....1
4 NIPPLE MS2439206.....1	19 INSULATOR M8601-3	30 WASHER A166C07.....4
5 PACKING 8034446.....1	-6A.....1	31 SCREW AN502-10-12.....4
6 BOLT AN4M5A.....4	20 CONTACT M9600-4N.....3	32 VALVE 903183R.....1
7 WASHER A163763.....4	21 BUSHING M8700-3-	SEE FIGURE 120 FOR DETAILS
8 CLAMP 903132R.....1	4.....1	33 PACKING 9034450.....5
9 FILTER ELEMENT AS24647.....1	22 SLEEVE M8600-3-1.....1	
10 RING MS28782-26.....1	23 PACKING NUT M8700	
11 PACKING 8034473.....1	-1-3.....1	
12 PIN 8524A63.....1	24 WASHER AN9600R.....2	* COMPONENT OF ACTUATOR
13 BLOCK 8524464.....1	25 SCREW AN503-8-10.....2	ASSEMBLY AS24675
14 RESISTOR AS24695.....1	26 ELBOW AN837-6.....1	** COMPONENT OF ACTUATOR
15 RESISTOR AS24694.....1	27 FILTER ELEMENT A162607.....1	ASSEMBLY AS24674

FIGURE 118. ACTUATOR ASSEMBLY /AS24675 AND AS24674/
/SEE FIGURES 114 AND 115 FOR NEXT HIGHER ASSEMBLIES/



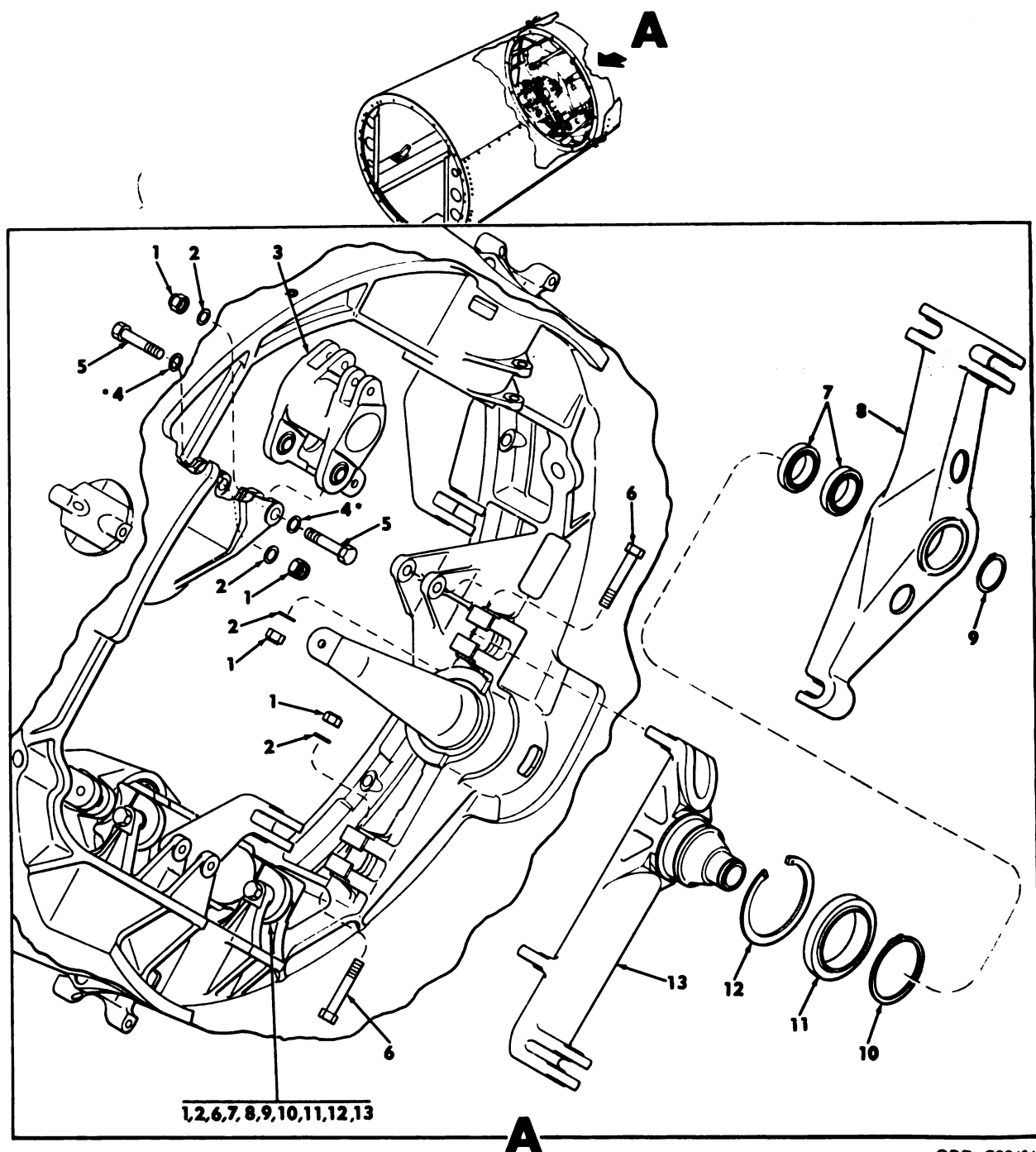
ORD G294842

SHAFT ASSEMBLY 9020547.....4
 2 BOLT AN3M5A.....4
 3 CAP 902B238.....2
 4 PIN 902B231.....1
 5 SPACER 8524977.....2
 6 SHAFT 902B241.....1

7 SHAFT 902B232.....1
 8 INSERT MS21209F1-15.....4
 9 PLUG 901527.....1
 10 UNIVERSAL JOINT 8524899.....1

11 BEARING 8525358.....8
 12 RING MS16624-1206.....4
 13 BEARING 8524577.....4
 14 RING 9031281.....4

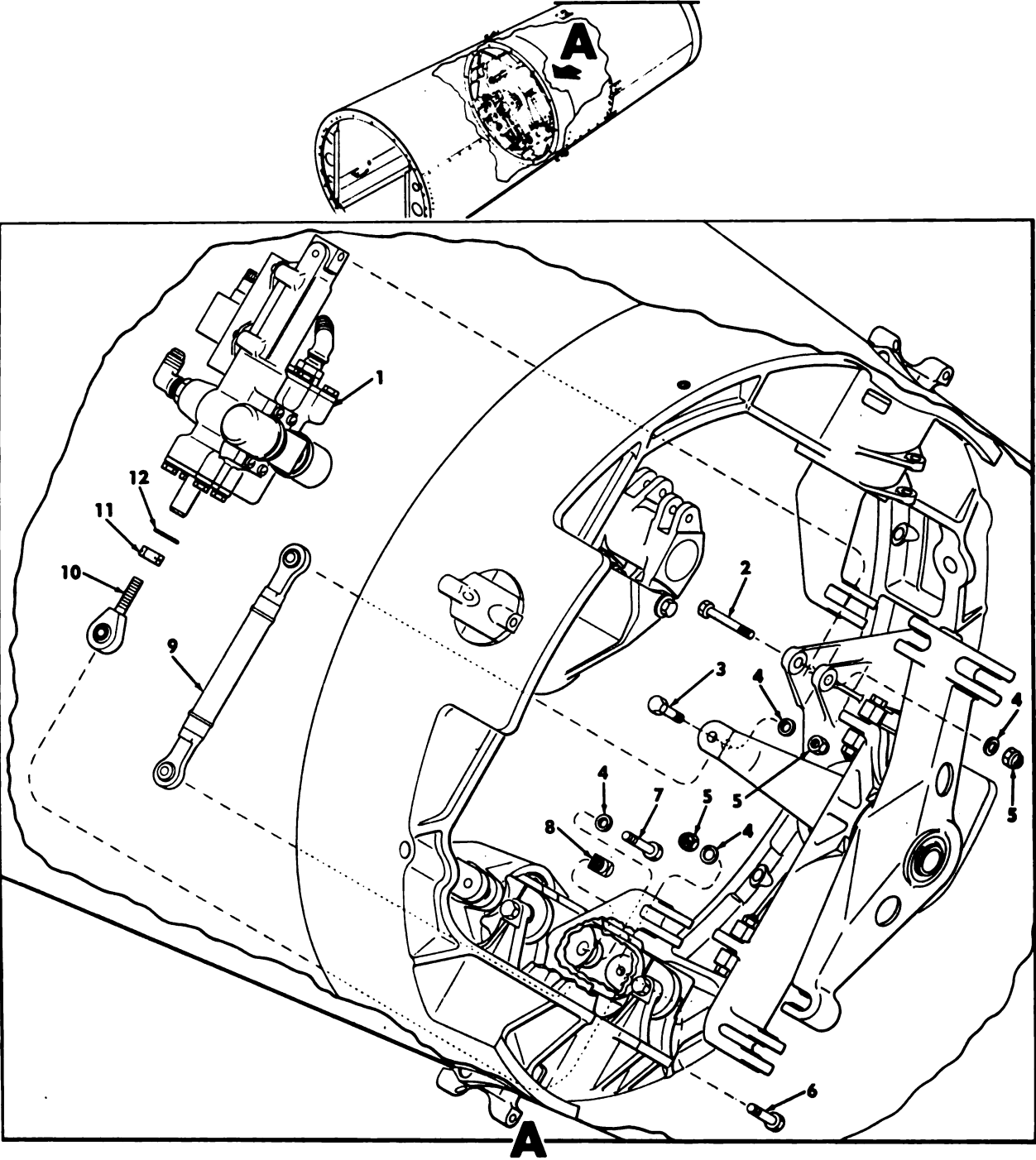
FIGURE 117. MECHANISM INSTALLATION, HYDRAULIC /8524285/



ORD G294841

1 NUT MS210R3M9.....6	7 BEARING MS25359.....4	13 BAR MS24578.....?
2 WASHER AN960-516L.....6	8 BEAM MS24579.....2	
3 LEVER MS24576.....1	9 RING MS16624-1106.....2	
4 WASHER MS271R3-12.....2	10 RING MS16624-1206.....?	• FOR SERIAL NO. 15690 AND UP
5 BOLT AN175-14A.....2	11 BEARING MS27642-33.....?	
6 BOLT AN175-16A.....4	12 RING 9031336.....?	

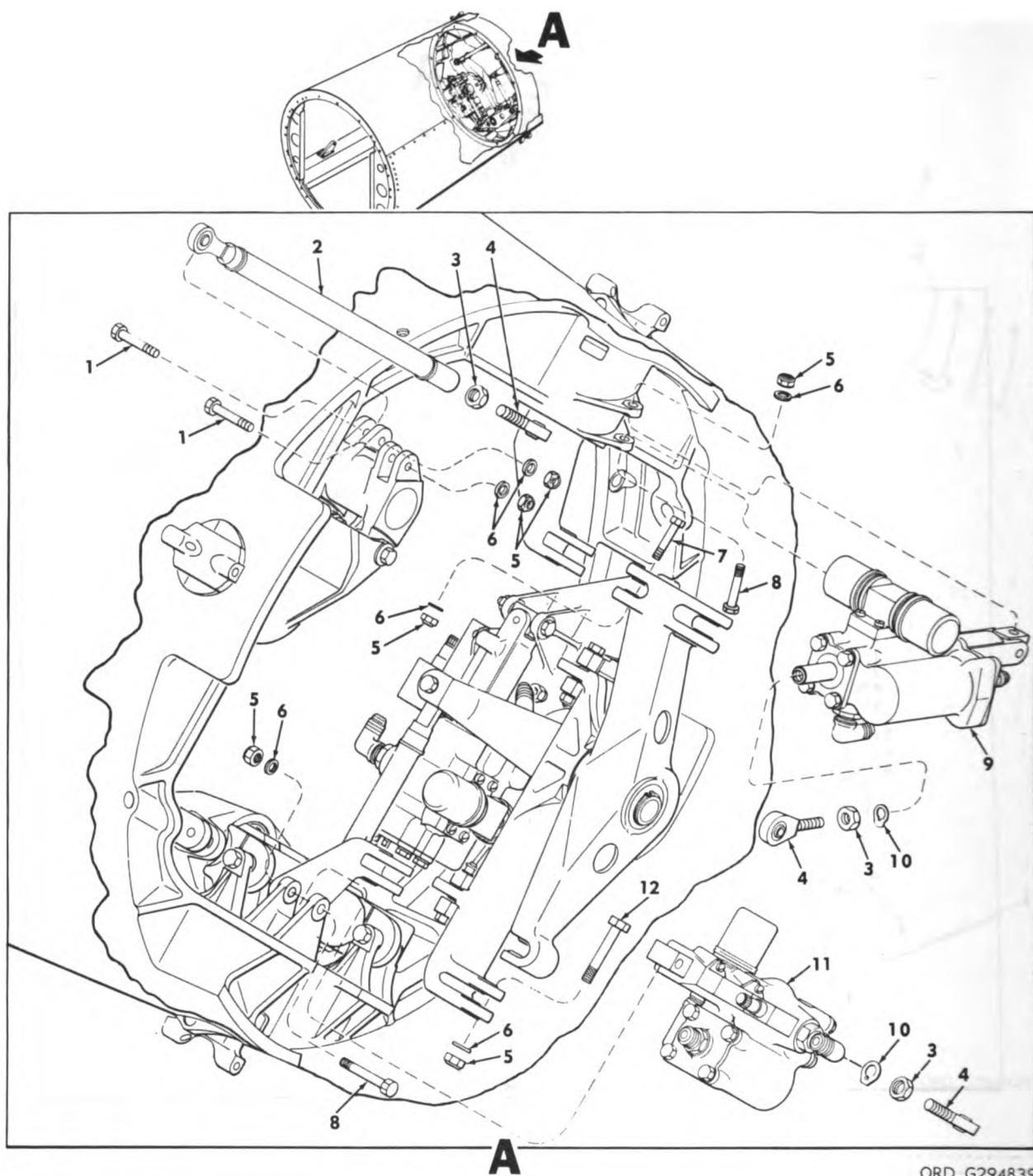
FIGURE 116. MECHANISM INSTALLATION, HYDRAULIC (MS242R5)



ORD G294840

- | | | |
|--|---|---|
| 1 ACTUATOR ASSEMBLY
R524475.....1
SEE FIGURE 11A FOR DETAILS | 4 WASHER AN960-416L.....4
5 NUT MS21093N4.....3
6 BOLT AN174-13A.....1
7 BOLT AN174-15A.....1
8 NUT B52A580.....1 | 9 LINK ROD R524571.....1
10 BEARING R524569.....1
11 NUT NAS509-6.....1
12 WASHER NAS517-6.....1 |
|--|---|---|

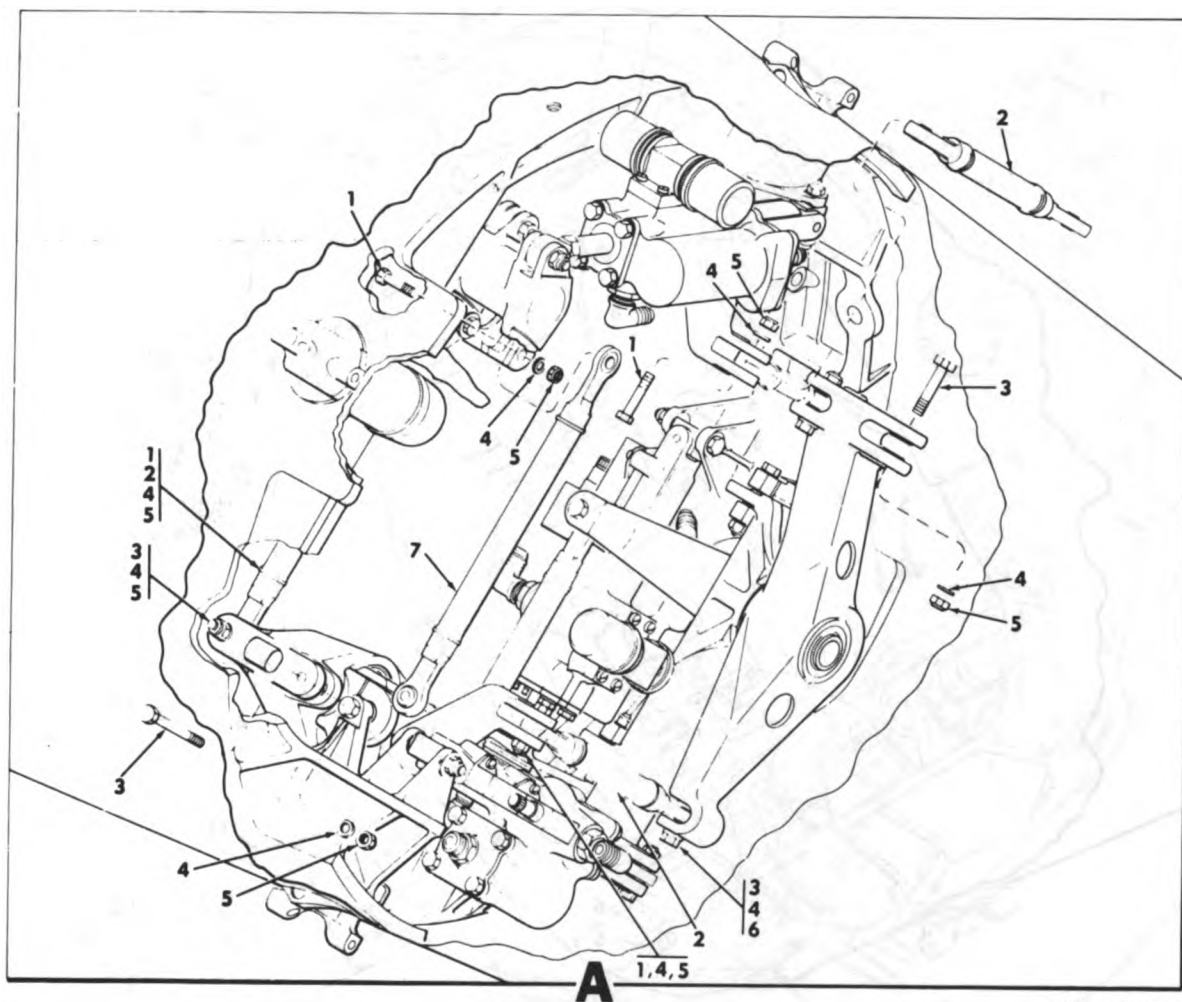
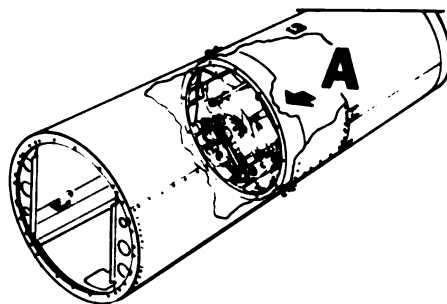
FIGURE 115. MECHANISM INSTALLATION, HYDRAULIC /R524285/



ORD G294839

1 BOLT AN174-124.....2	7 BOLT AN174-15A.....1	11 ACTUATOR ASSEMBLY
2 LINK ROD A524573.....1	8 BOLT AN174-20A.....2	A524479.....1
3 NUT NAS509-6.....3	9 ACTUATOR ASSEMBLY	SEE FIGURE 11A FOR DETAILS
4 BEARING A524560.....3	A524478.....1	12 BOLT AN174-13A.....1
5 NUT MS210A3M4.....6	SEE FIGURE 11A FOR DETAILS	
6 WASHER AN960-416L.....6	10 WASHER NAS513-6.....7	

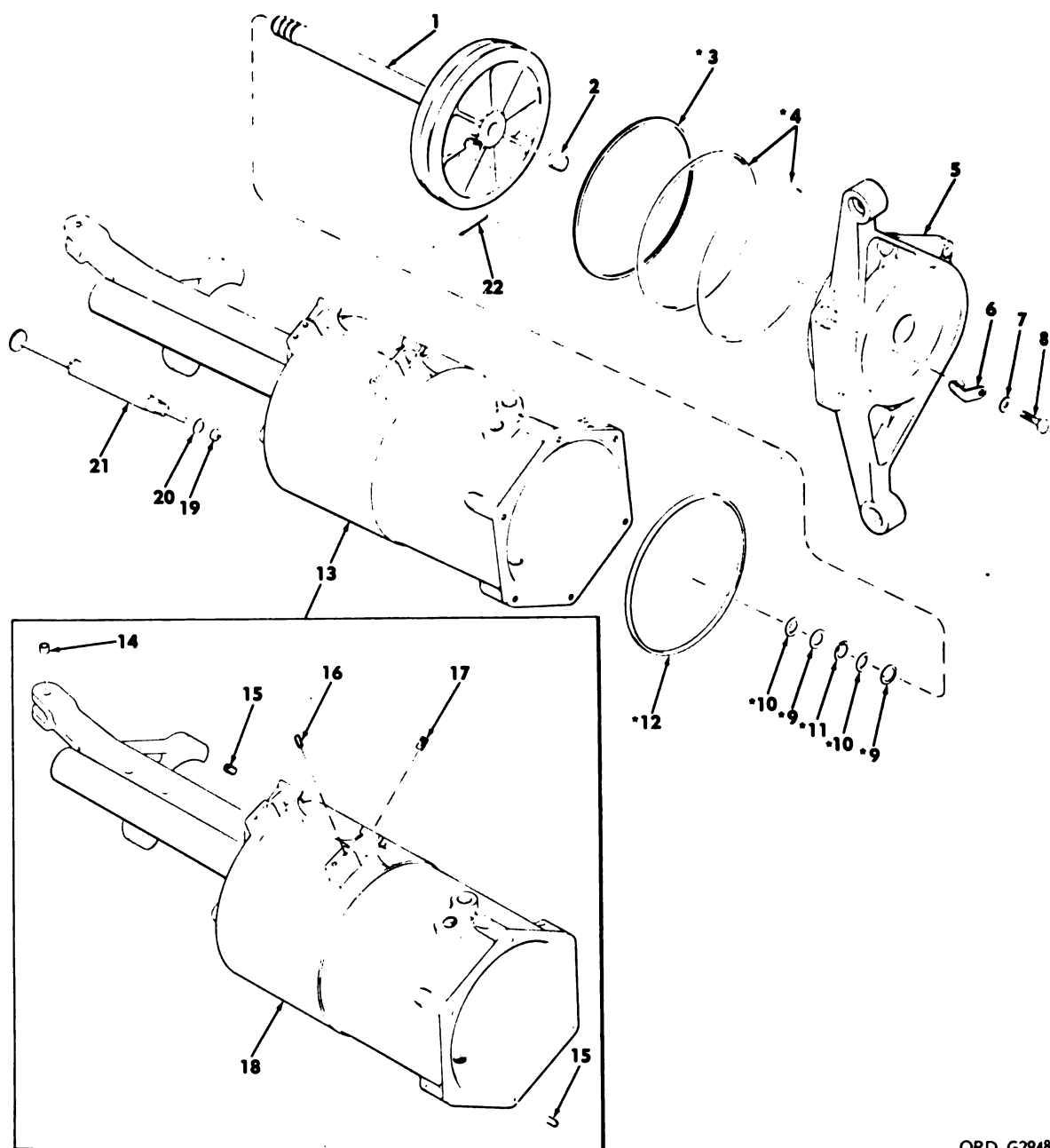
FIGURE 114. MECHANISM INSTALLATION, HYDRAULIC (A524295/)



ORD G294838

- | | |
|--------------------------|---|
| 1 BOLT AN174-17A..... | 4 |
| 2 LINK ROD A524571..... | 3 |
| 3 BOLT AN174-15A..... | 4 |
| 4 WASHER A4960-416L..... | 4 |
| 5 NUT MS21043N4..... | 7 |
| 6 NUT A524580..... | 1 |
| 7 LINK ROD A524572..... | 1 |

FIGURE 113. MECHANISM INSTALLATION, HYDRAULIC /A524285/
/SEE FIGURE 70 FOR NEXT HIGHER ASSEMBLY/

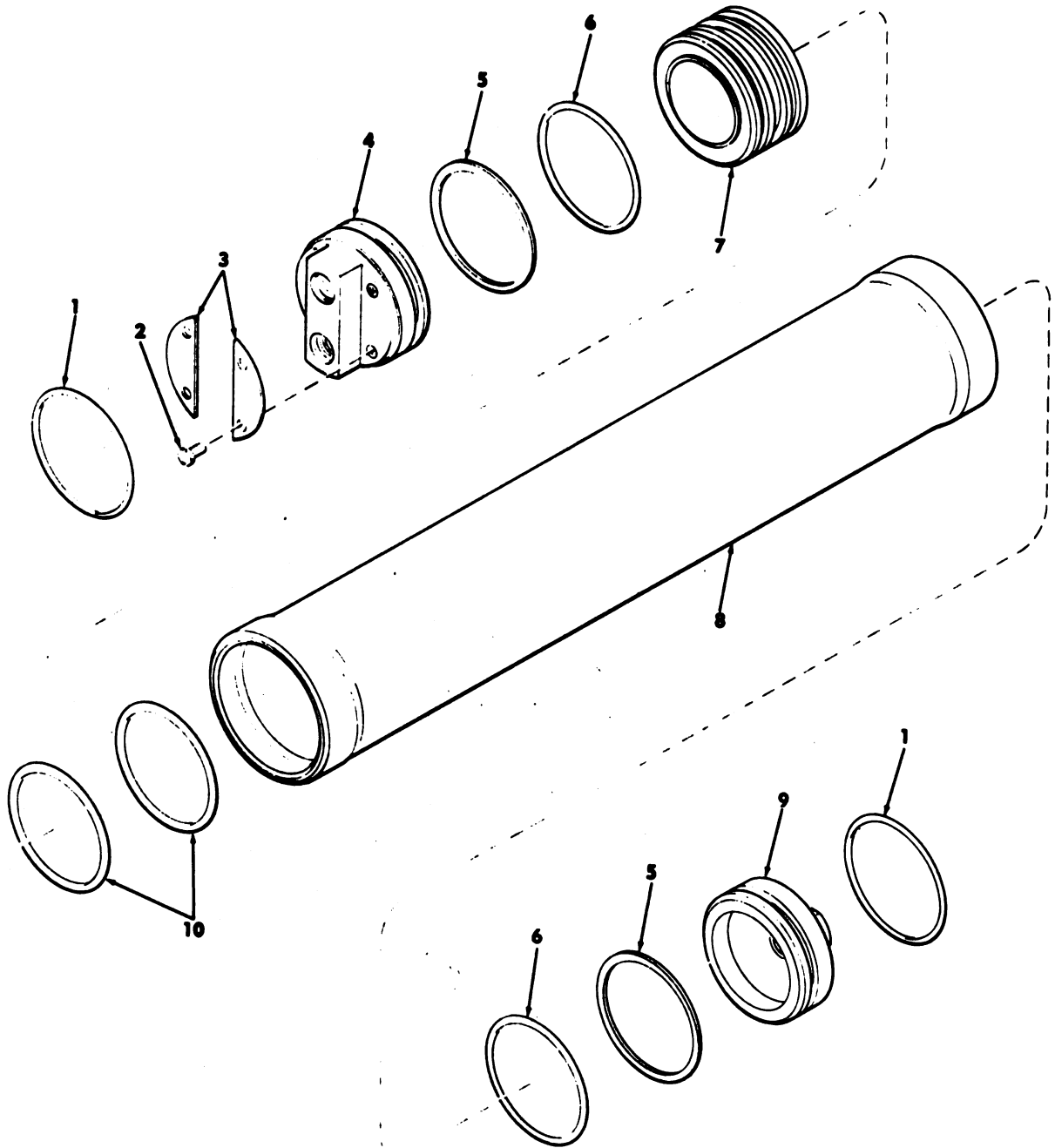


ORD G294837

1 PISTON 9019587.....1	10 PACKING MS28775-112.....2	19 FELT 9019718.....1
2 BUMPER 9019592.....1	11 FELT STRIP MS28932-1.....1	20 WASHER 9019981.....1
3 RETAINER MS28782-59.....1	12 FELT STRIP MS28932C18-00.....1	21 INDICATOR ASSEMBLY 9019708.....1
4 PACKING MS28775-431.....2	13 ACCUMULATOR 9019721.....1	22 PIN MS24665-108.....1
5 SUPPORT 9019588.....1	14 BUSHING NAS75-4-COR.....2	
6 BRACKET 9019936.....1	15 INSERT MS21209F4-20.....10	
7 WASHER AN960-416L.....6	16 INSERT MS21209F1-15.....4	
8 BOLT AN4-114.....6	17 INSERT MS21209F4-15.....4	
9 RETAINER MS28782-10.....2	18 ACCUMULATOR 9019589.....1	

* COMPONENT OF KIT 5752217

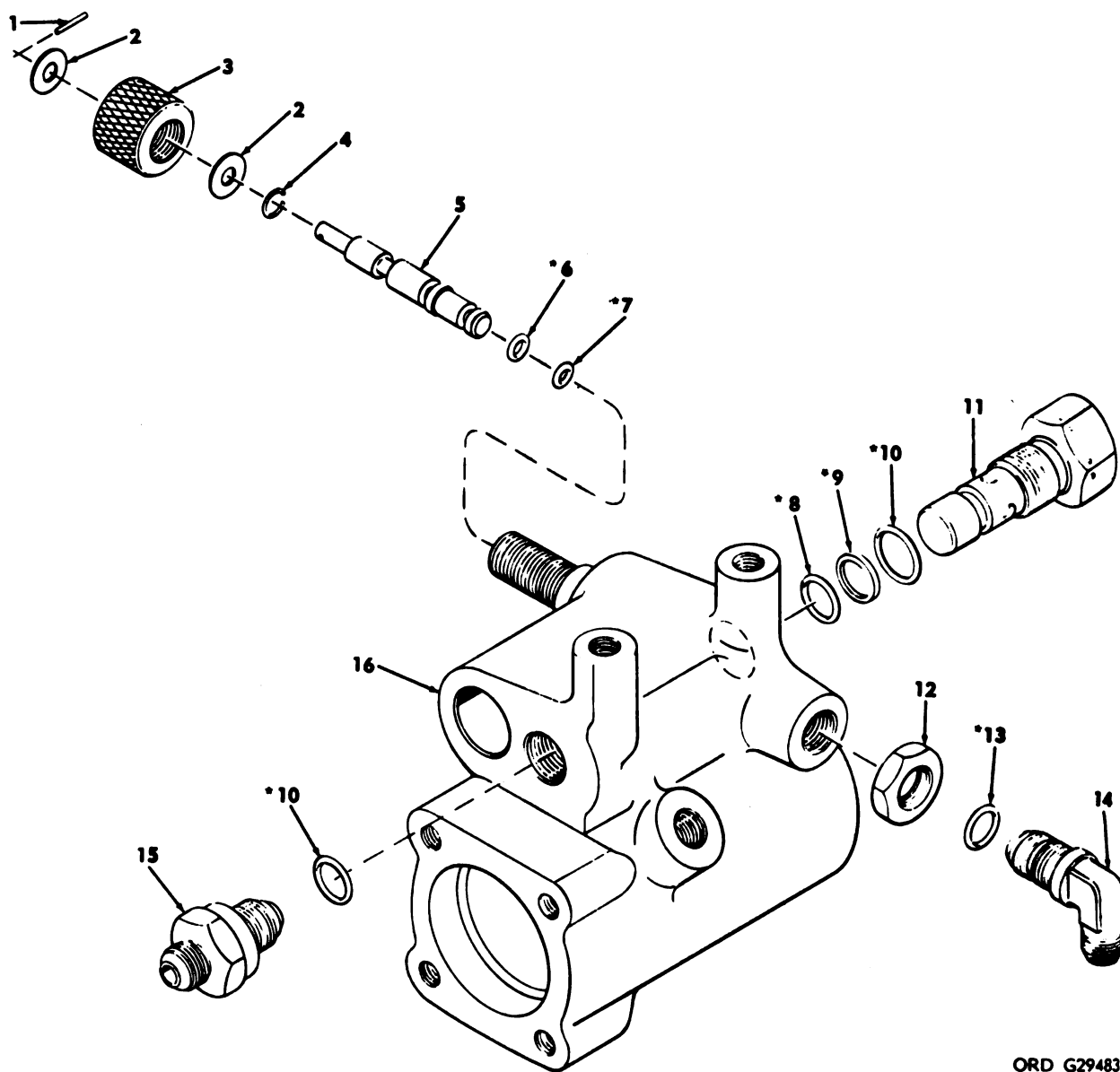
FIGURE 112. CYLINDER, HYDRAULIC PUMPING UNIT /9019590/
/SEE FIGURE 101 FOR NEXT HIGHER ASSEMBLY/



ORD G294836

- | | | |
|----|-------------------------|---|
| 1 | RING 562622-1..... | 2 |
| 2 | SCREW #515265-41..... | 4 |
| 3 | PLATE 1007093..... | 2 |
| 4 | CAP 1007092-1..... | 1 |
| 5 | RETAINER 1006288-9..... | 2 |
| 6 | PACKING 9034491..... | 2 |
| 7 | PISTON 1005688-1..... | 1 |
| 8 | BARREL 554386-6..... | 1 |
| 9 | CAP 554413-2..... | 1 |
| 10 | PACKING AN6277836..... | 2 |

FIGURE 111. ACCUMULATOR, HYDRAULIC /9022107/
/SEE FIGURE 101 FOR NEXT HIGHER ASSEMBLY/

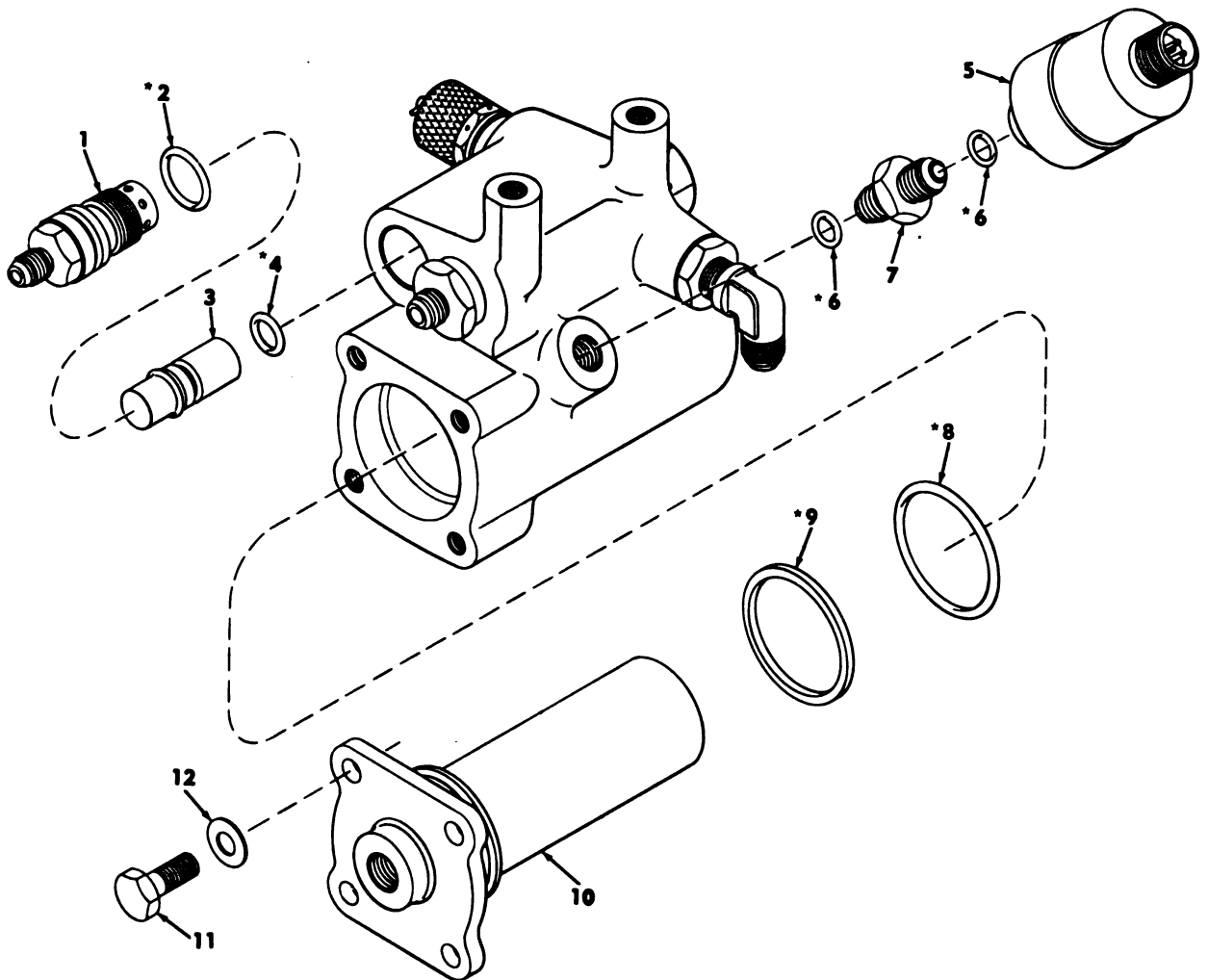


ORD G294835

1 PIN MS24665-149.....1	8 PACKING MS29775-012.....1	15 VALVE 9022097.....1
2 WASHER MS15795-707.....2	9 RETAINER MS29782-7.....1	16 MANIFOLD 9019983.....1
3 CAP BLEEDER 9019989.....1	10 PACKING 9034446.....2	
4 RING 9019909.....1	11 VALVE 9019986.....1	
5 BLEEDER 9019988.....1	12 NUT MS5507-7.....1	
6 PACKING MS29775-007.....1	13 PACKING 10596841-1.....1	
7 PACKING MS29775-006.....1	14 FLARE MS2439604.....1	

* COMPONENT OF KIT 5352017

FIGURE 110. MANIFOLD ASSEMBLY, HYDRAULIC PUMPING UNIT (9019983)

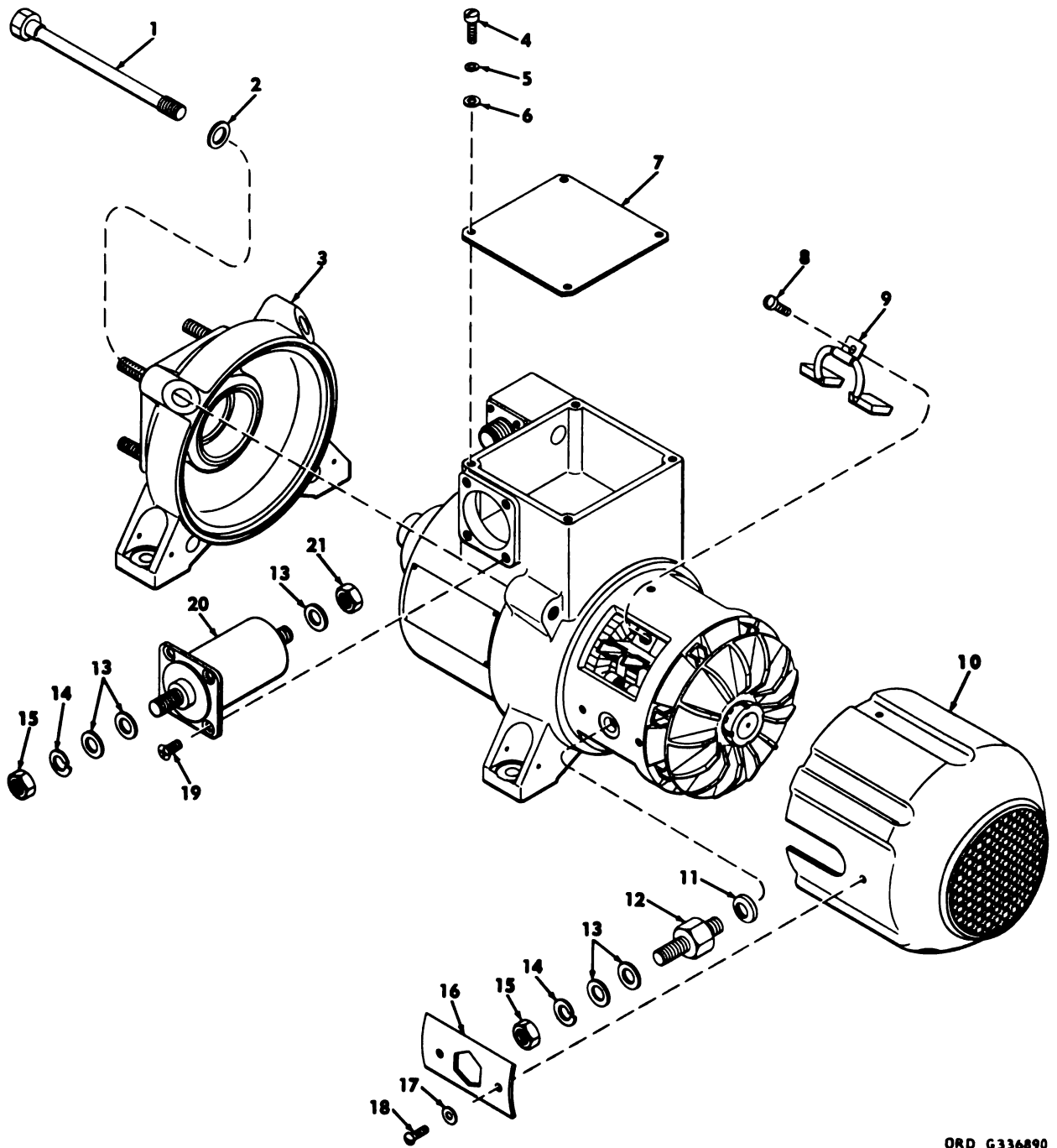


MI 39361

1	FITTING 9019890.....1	6	PACKING 10596841-1.....2	11	BOLT AN4H5A.....4
2	PACKING 8034553.....1	7	NIPPLE ANR15-4.....1	12	WASHER 8163763.....4
3	VALVE 9019887.....1	8	PACKING MS28775-221.....1		
4	PACKING MS28775-012.....1	9	RING MS28782-26.....1		
5	SWITCH 9978370.....1	10	FILTER ELEMENT 8524647.....1		

* COMPONENT OF KIT 5952217

FIGURE 109. MANIFOLD ASSEMBLY, HYDRAULIC PUMPING UNIT /9019883/
/SEE FIGURE 101 FOR NEXT HIGHER ASSEMBLY/



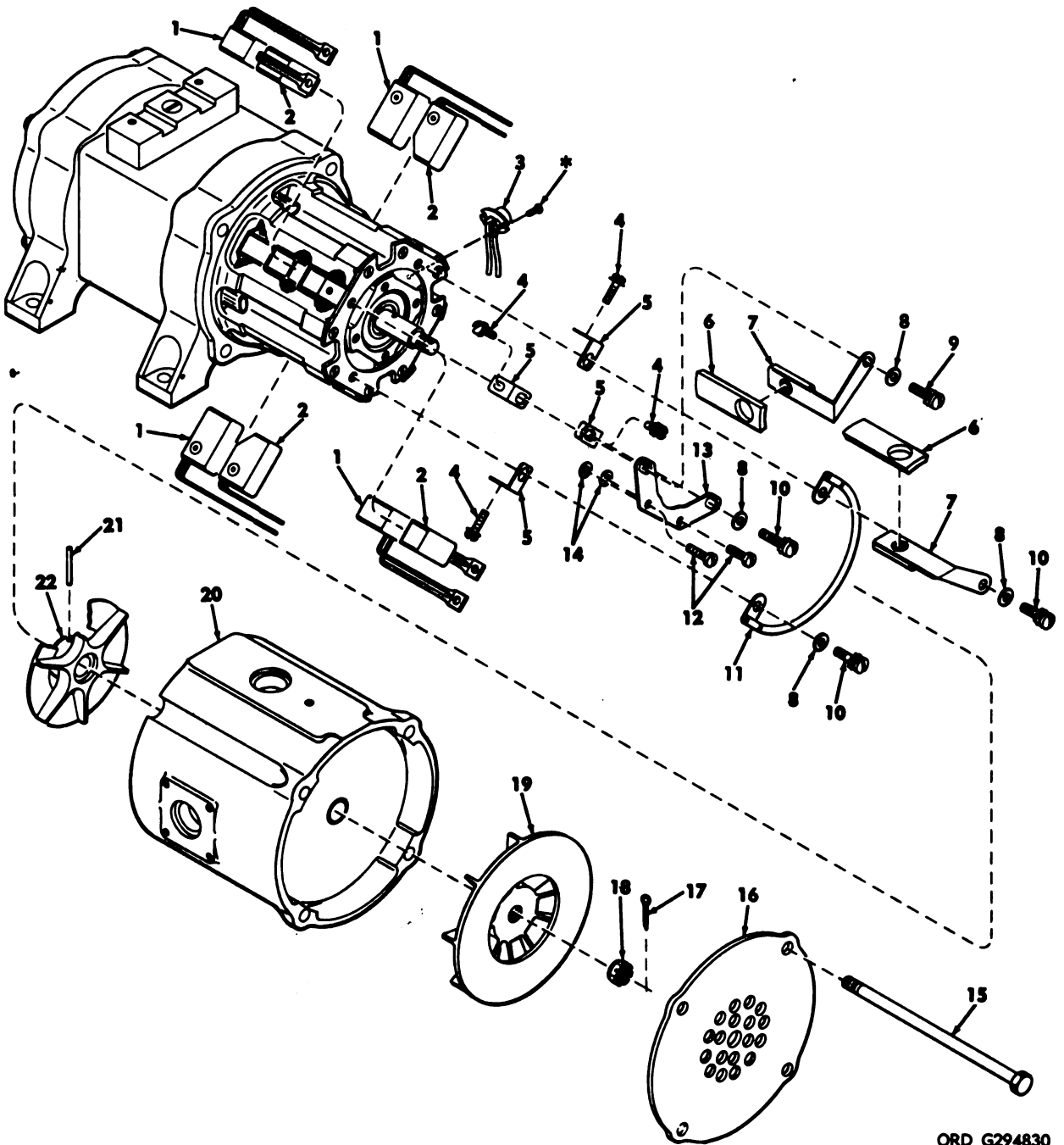
ORD G336890

1 BOLT 31435-SK22826-1071.....4
 2 WASHER MS27183-12.....4
 3 END BELL 9020940.....1
 4 SCREW 587640.....4
 5 WASHER MS35338-42.....4
 6 WASHER AN960-8L.....4
 7 COVER PLATE SK22826-1011.....1

8 SCREW MS35266-63.....4
 9 BRUSH 9978529.....4
 10 COVER 9020951.....1
 11 SPACER 9978448.....1
 12 STUD 9978447.....1
 13 WASHER MS45901-6.....5
 14 WASHER MS35338-102.....2

15 NUT MS20341-516A.....1
 16 PLATE 9020938.....1
 17 WASHER AN960-6L.....4
 18 SCREW MS35206-227.....4
 19 SCREW MS24693548.....4
 20 FILTER 9020939.....1
 21 NUT MS21045-5.....1

FIGURE 108. MOTOR, DIRECT CURRENT /9020643/
 /SEE FIGURE 100 FOR NEXT HIGHER ASSEMBLY/

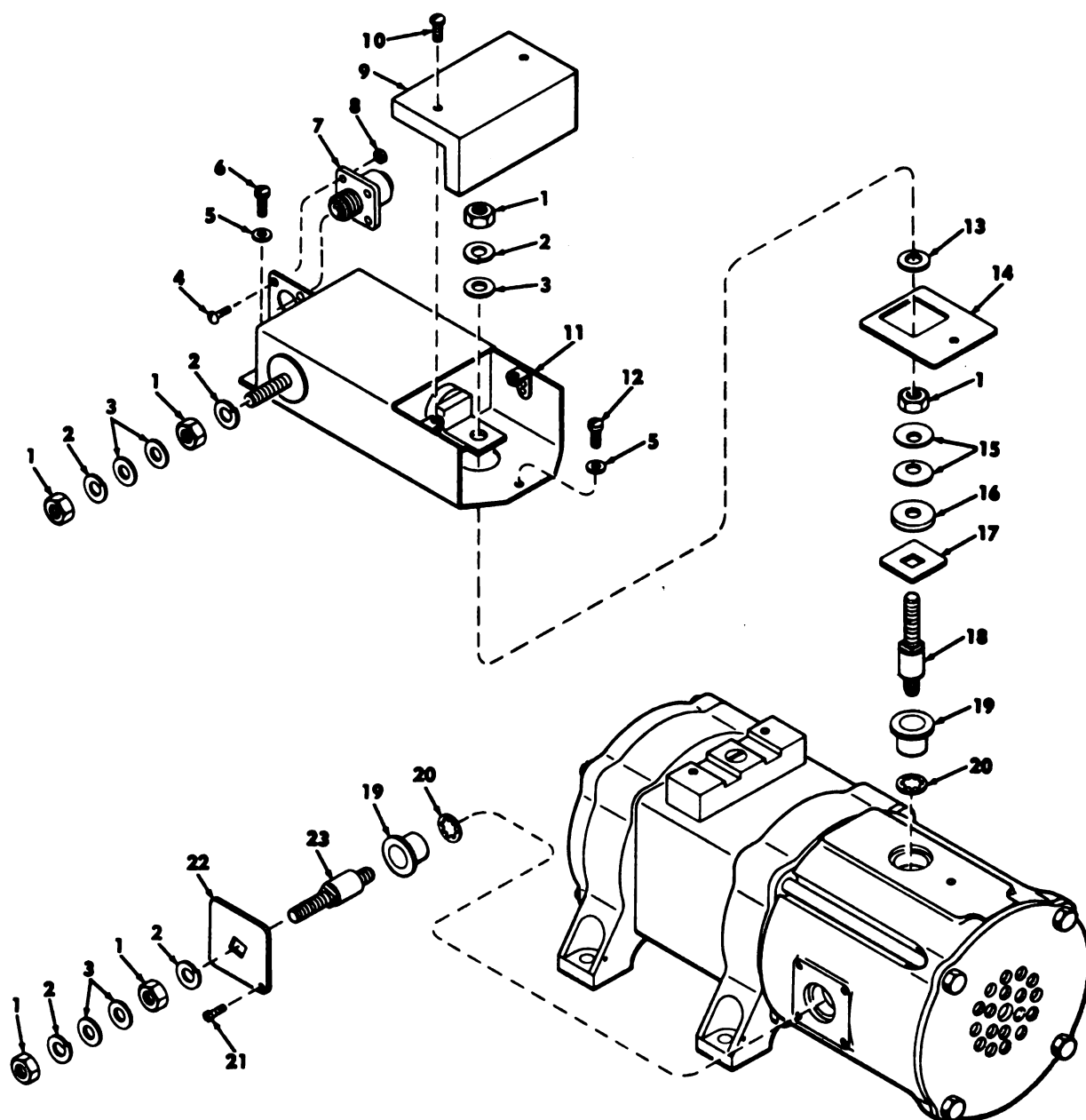


ORD G294830

1 BRUSH 9020936.....4	10 SCREW 9151299.....3	18 NUT AN320-5.....1
2 BRUSH 9020937.....4	11 LEAD 9151283.....1	19 IMPELLER 9151291.....1
3 SWITCH 9020614.....1	12 SCREW MS35265-30.....2	20 COVER 83414.....1
4 SCREW 9151301.....4	13 TERMINAL STRIP 9151285.....1	21 PIN MS16562-123.....1
5 TERMINAL 9151284.....4	14 SPACER 9151298.....2	22 IMPELLER 9151286.....1
6 INSULATOR 9151289.....2	15 BOLT AN400447A.....4	
7 BUS BAR 9151290.....2	16 ACCESS COVER PLATE	
8 WASHER 9151296.....4	17 PIN MS24665-134.....1	
9 SCREW 9151300.....1		

* FURNISHED WITH ITEM 3

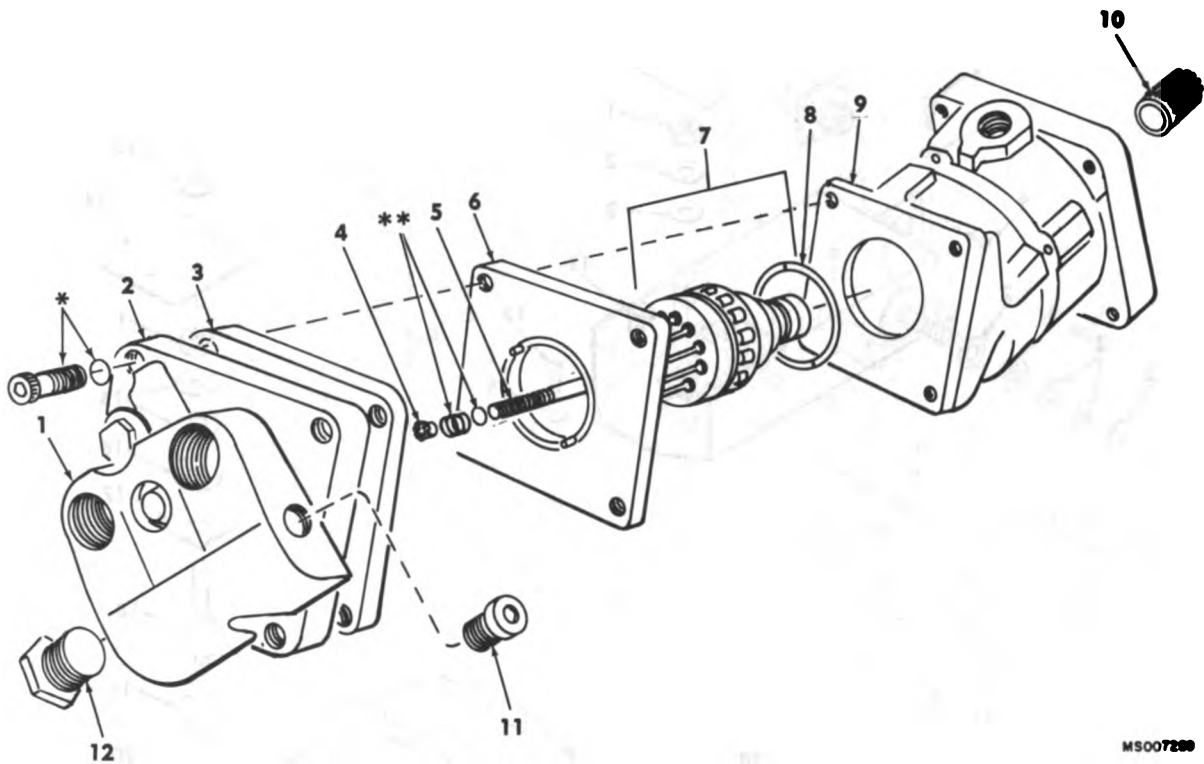
FIGURE 107. MOTOR, DIRECT CURRENT /9019635/



MI 39368

1	NUT	MS20341-516A.....6	9	COVER	9020952.....1	17	INSULATOR	9020935.....1
2	WASHER	MS35338-102.....5	10	SCREW	MS35206-245.....2	18	STUD	9151297.....1
3	WASHER	MS49901-6.....5	11	FILTER	72121-C2216.....1	19	BUSHING	9151293.....2
4	SCREW	MS35206-215.....4	12	SCREW	9151277.....1	20	WASHER	MS35333-41.....2
5	WASHER	AN960-8.....3	13	WASHER	9020638.....1	21	SCREW	9020941.....1
6	SCREW	MS35265-44.....2	14	PLATE	9151288.....1	22	PLATE	9151287.....1
7	CONNECTOR	CA3100ER10SL3P....1	15	WASHER	9978469.....2	23	STUD	9151294.....1
8	NUT	MS21044M04.....4	16	INSULATOR	9151295.....1			

FIGURE 106. MOTOR, DIRECT CURRENT /9019635/
/SEE FIGURE 100 FOR NEXT HIGHER ASSEMBLY/

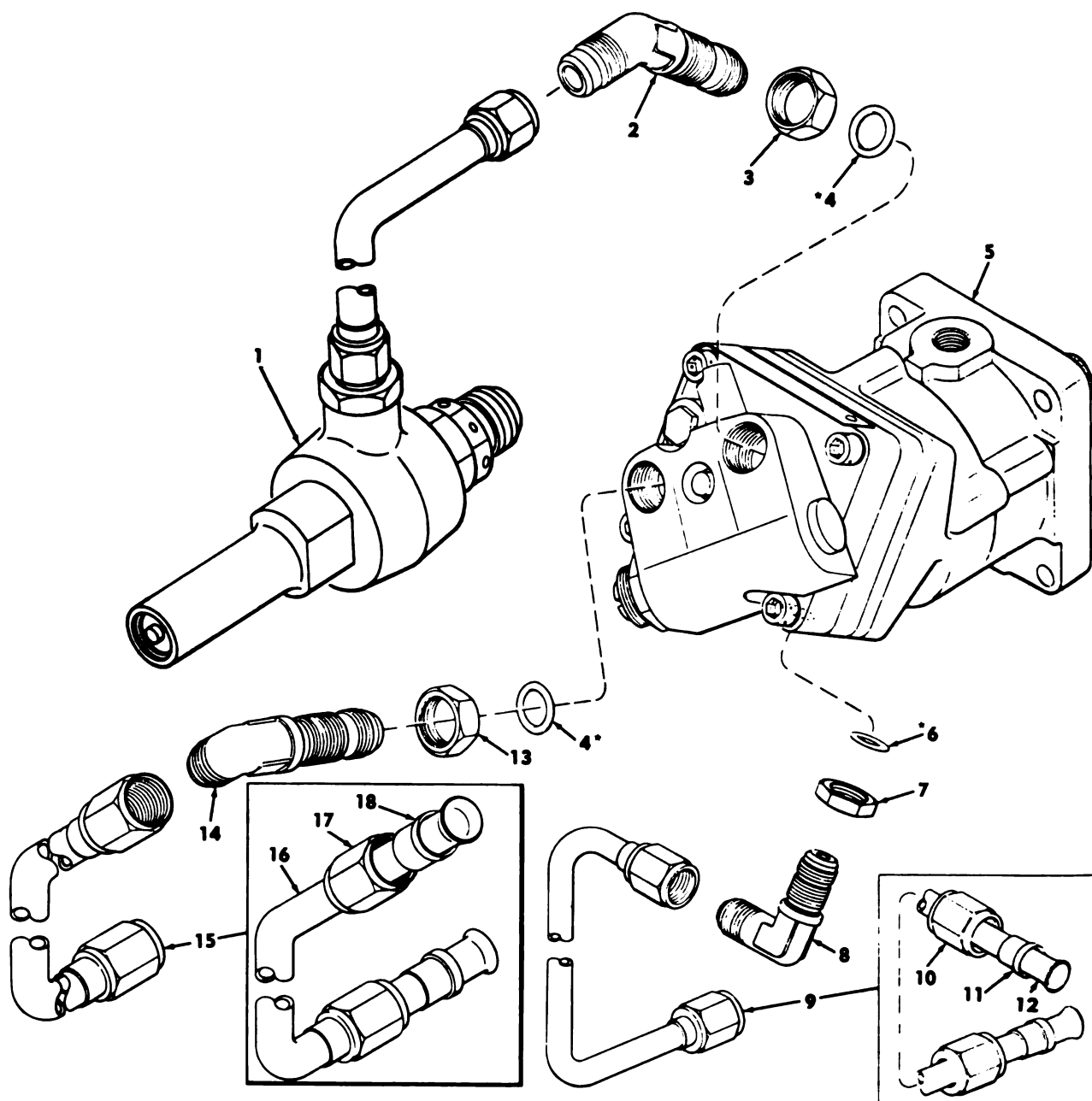


MS007200

1 VALVE ASSEMBLY 9978033.....1	7 SHAFT AND PISTON ASSEMBLY	11 PLUG 9978022.....1
2 HOUSING ASSEMBLY 9978035.....1	9978027.....1	12 PLUG 9978021.....1
3 ROTOR ASSEMBLY 9978036.....1	8 WASHER 9978028.....1	
4 RETAINER 9978023.....1	9 HOUSING ASSEMBLY 9978032.....1	
5 PIN 9978034.....1	10 SHAFT 9978030.....1	
6 RETAINER ASSEMBLY		
9978029.....1		

* COMPONENT OF ITEM 2
** COMPONENT OF ITEM 7

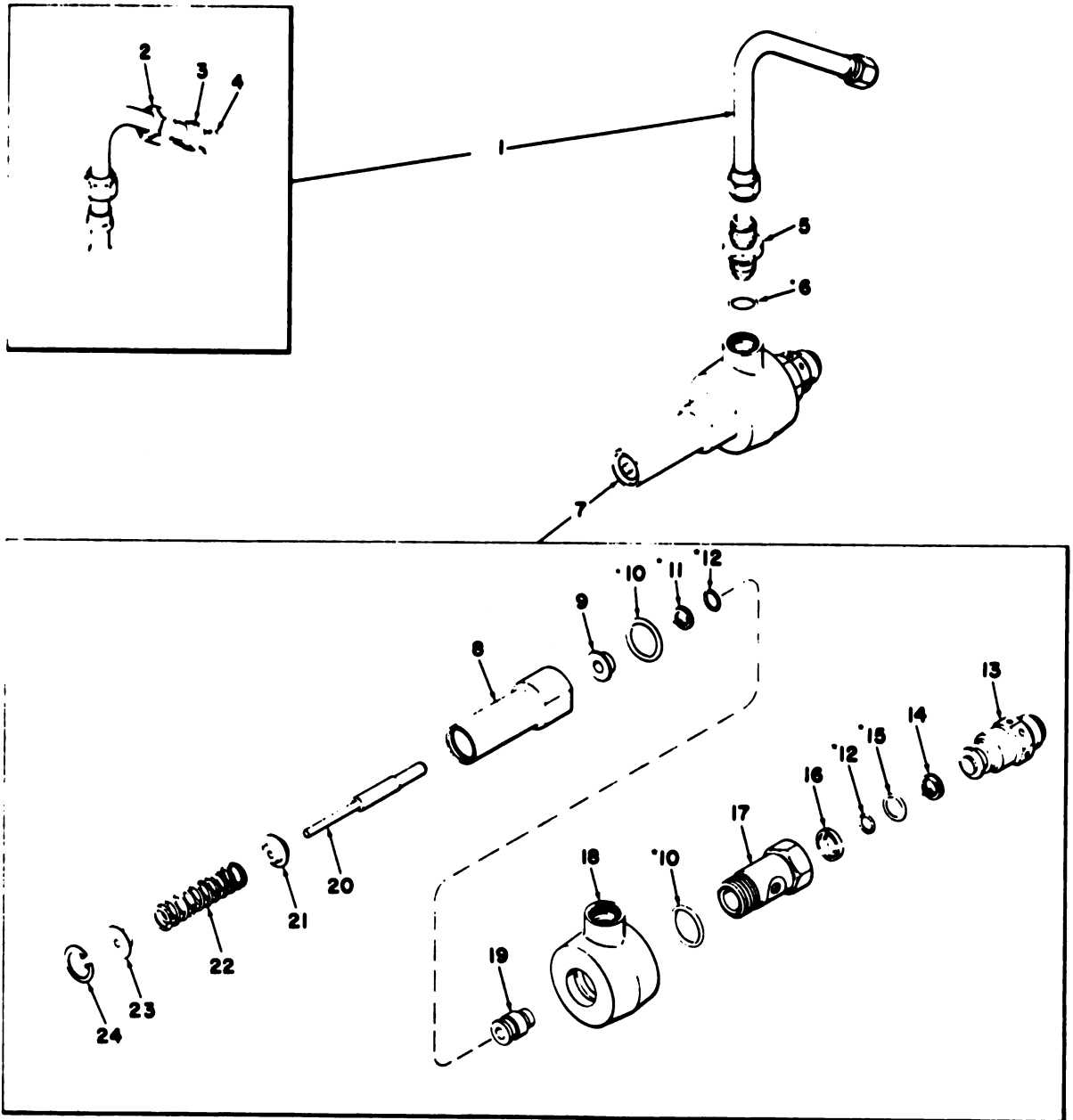
FIGURE 105. PUMP, AXIAL, PISTON /9020546/
/SEE FIGURE 104 FOR NEXT HIGHER ASSEMBLY/



MI 39360

- | | | | | | |
|---|-----------------------------|----|-----------------------------|----|-----------------------------|
| 1 | TUBE ASSEMBLY 9979038.....1 | 7 | NUT MS2440004.....1 | 15 | TUBF ASSEMBLY 9020542.....1 |
| 2 | SEE FIGURE 103 FOR DETAILS | 8 | ELBOW MS2439404.....1 | 16 | TUBE R177084.....* |
| 3 | ELBOW AN837-6J.....1 | 9 | TUBE ASSEMBLY 9020544.....1 | 17 | NUT AN818-6D.....* |
| 4 | NUT AN924-6J.....1 | 10 | NUT AN818-4D.....2 | 18 | SLEEVE MS20R19-6D.....2 |
| 5 | PACKING MS28775-111.....2 | 11 | SLEEVE MS20R19-4D.....2 | | |
| 6 | PUMP 9020546.....1 | 12 | TUBE R177083.....* | | |
| | SEE FIGURE 103 FOR DETAILS | 13 | NUT MS2440006.....1 | | * COMPONENT OF KIT 5952217 |
| 6 | PACKING 10596941-1.....1 | 14 | ELBOW AN837-6D.....1 | | |

FIGURE 104. PUMP ASSEMBLY, HYDRAULIC /9020545/
/SEE FIGURE 100 FOR NEXT HIGHER ASSEMBLY/

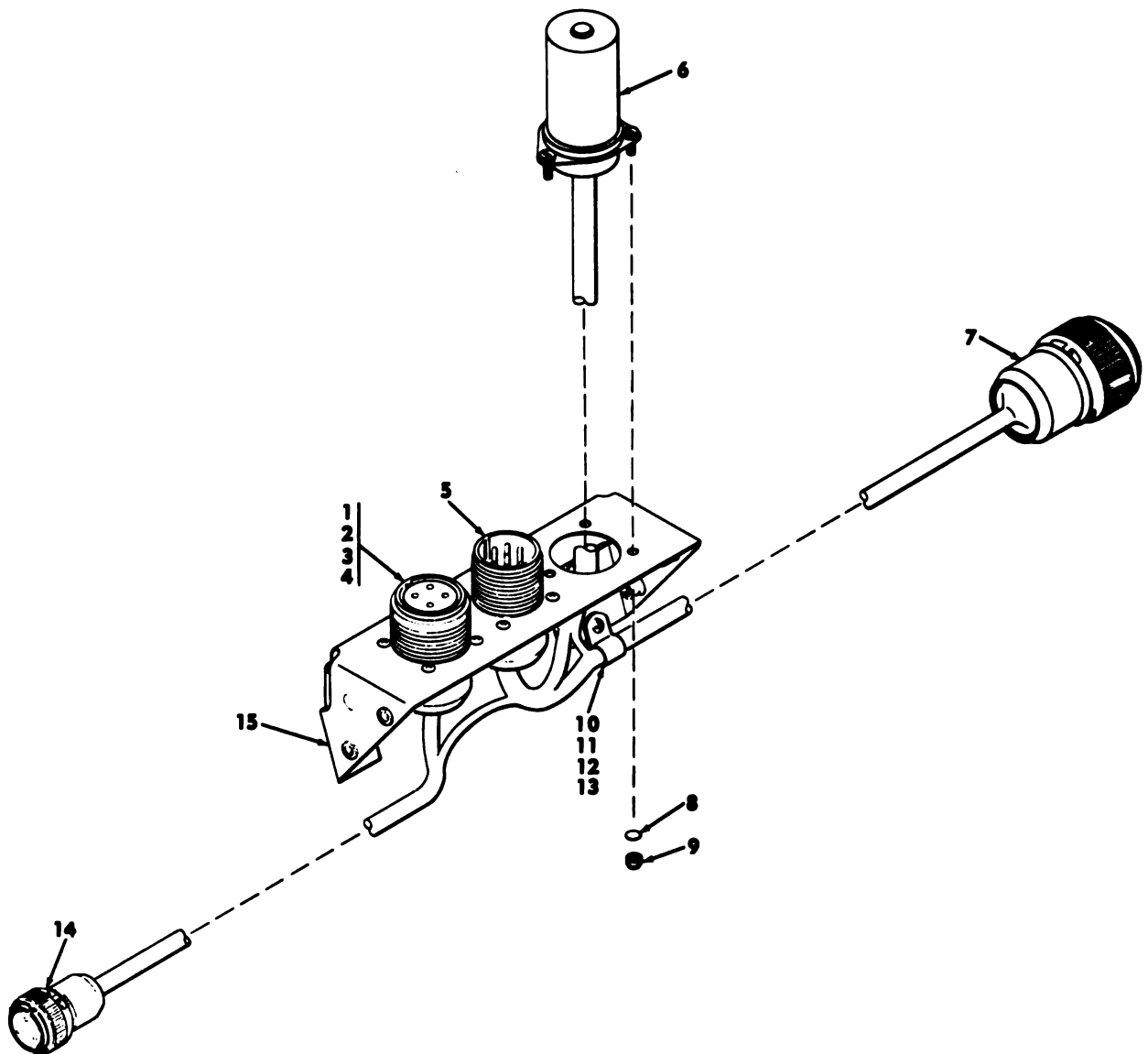


ORD G294146A

1	TUBE ASSEMBLY	9978882	.....1	10	PACKING	MS28775-211	.....2	19	PISTON	9978878	.....1
2	NUT	AN818-6C	.....2	11	RETAINER	MS28782-7	.....1	20	PLUNGE	9978871	.....1
3	SLEEVE	MS20819-6J	.....2	12	PACKING	MS28775-012	.....2	21	GUIDE	9978873	.....1
4	TUBE	AN30496	.....0	13	CONNECTOR	9978870	.....1	22	SPRING	9978872	.....1
5	NIPPLE	AN815-6J	.....1	14	RETAINER	MS28782-9	.....1	23	PLUG	9978887	.....1
6	PACKING	9034446	.....1	15	PACKING	MS28775-111	.....1	24	RING	MS16625-1068	.....1
7	VALVE	9978869	.....1	16	RETAINER	9978877	.....1				
8	HOUSING	9978874	.....1	17	STUD	9978876	.....1				
9	SPACER	9978875	.....1	18	BODY	MS21946-6H	.....1				

* COMPONENT OF KIT 5952217

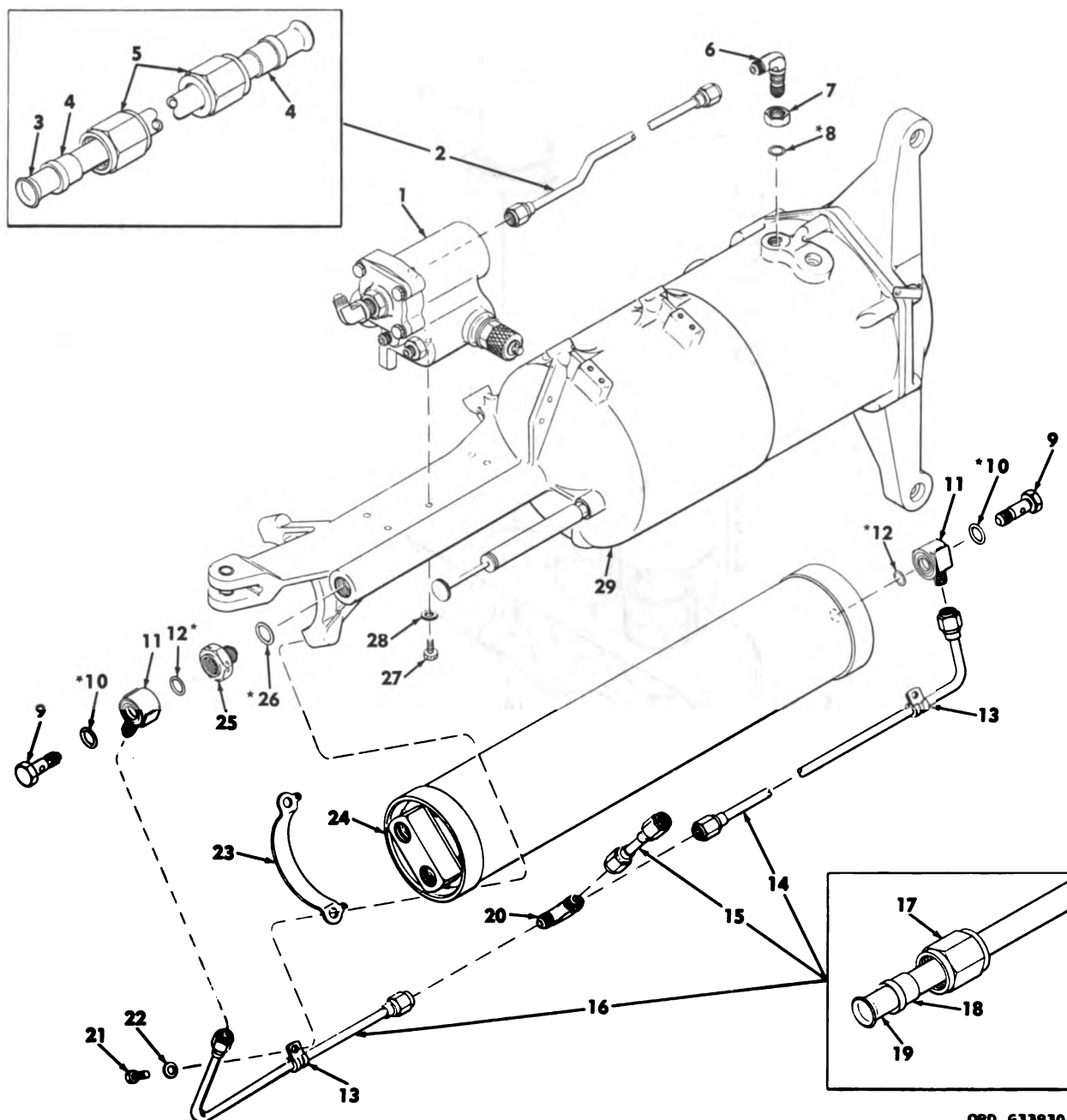
FIGURE 103. TUBE AND VALVE ASSEMBLY, HYDRAULIC PUMPING UNIT /9979038/
/SEE FIGURE 104 FOR NEXT HIGHER ASSEMBLY/



ORD G294827

1	SCREW MS35206-216.....8	6	RFLAY 9022096.....1	11	WASHER AN960-8L.....1
2	WASHER MS27183-4.....16	7	CONNECTOR 9018713.....1	12	NUT MS21083N08.....1
3	NUT MS21044N04.....8	8	WASHER AN960-6L.....3	13	CLAMP NAS1397K4M.....1
4	CONNECTOR 9022093.....1	9	NUT MS21083N06.....3	14	CONNECTOR 9022095.....1
5	CONNECTOR 9022094.....1	10	SCREW MS35206-243.....1	15	PANEL 9019732.....1

FIGURE 102. PANEL ASSEMBLY, HYDRAULIC PUMPING UNIT /9019729/
/SEE FIGURE 99 FOR NEXT HIGHER ASSEMBLY/

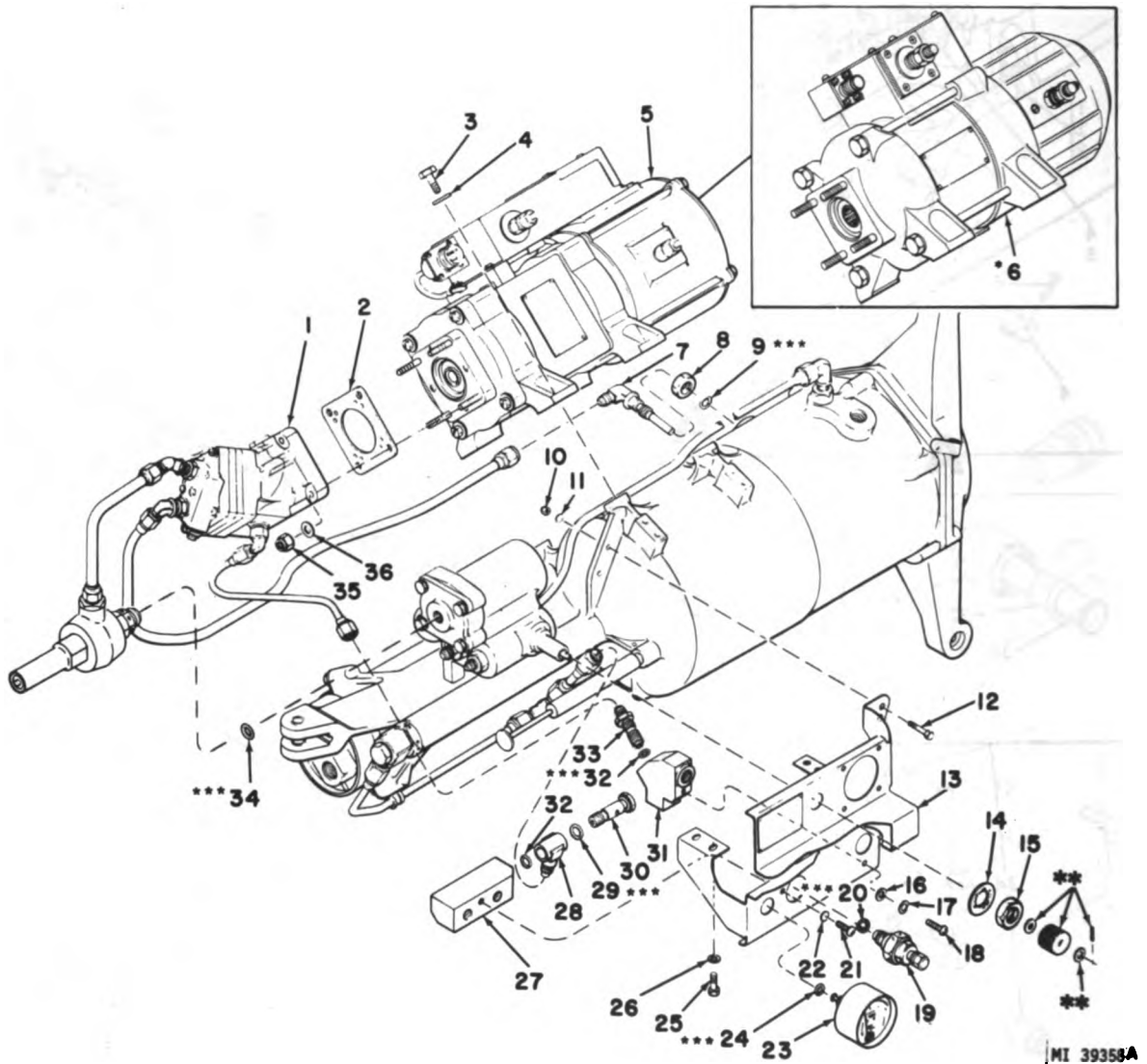


ORD 6339306

1	MANIFOLD ASSEMBLY 9019883.....1 SEE FIGURE 109 FOR DETAILS	11	CONNECTOR NAS552-4.....2	23	STRAP 9019734.....2
2	TUBE ASSEMBLY 9019743.....1	12	PACKING 10596841-1.....2	24	ACCUMULATOR 9022107.....1
3	TUBE 8177083.....*	13	CLAMP 9020554.....2		SEE FIGURE 111 FOR DETAILS
4	SLEEVE MS20819-4D.....2	14	TUBE ASSEMBLY 9020707.....1	25	ADAPTER 9019895.....1
5	NUT AN818-4D.....2	15	TUBE ASSEMBLY 9020661.....1	26	PACKING MS208778-8.....1
6	ELBOW MS2439404.....1	16	TUBE ASSEMBLY 9020706.....1	27	BOLT AN4H5A.....1
7	NUT MS2440004.....1	17	NUT AN818-4C.....2	28	WASHER AN960C416L.....1
8	PACKING 10596841-1.....1	18	SLEEVE MS20819-4J.....2	29	CYLINDER 9019590.....1
9	BOLT 9020734.....2	19	TUBE 9020205.....*		SEE FIGURE 112 FOR DETAILS
10	PACKING 8034517.....2	20	TEE 9020695.....1		
		21	BOLT AN4-4A.....4		
		22	WASHER AN960C416L.....4		

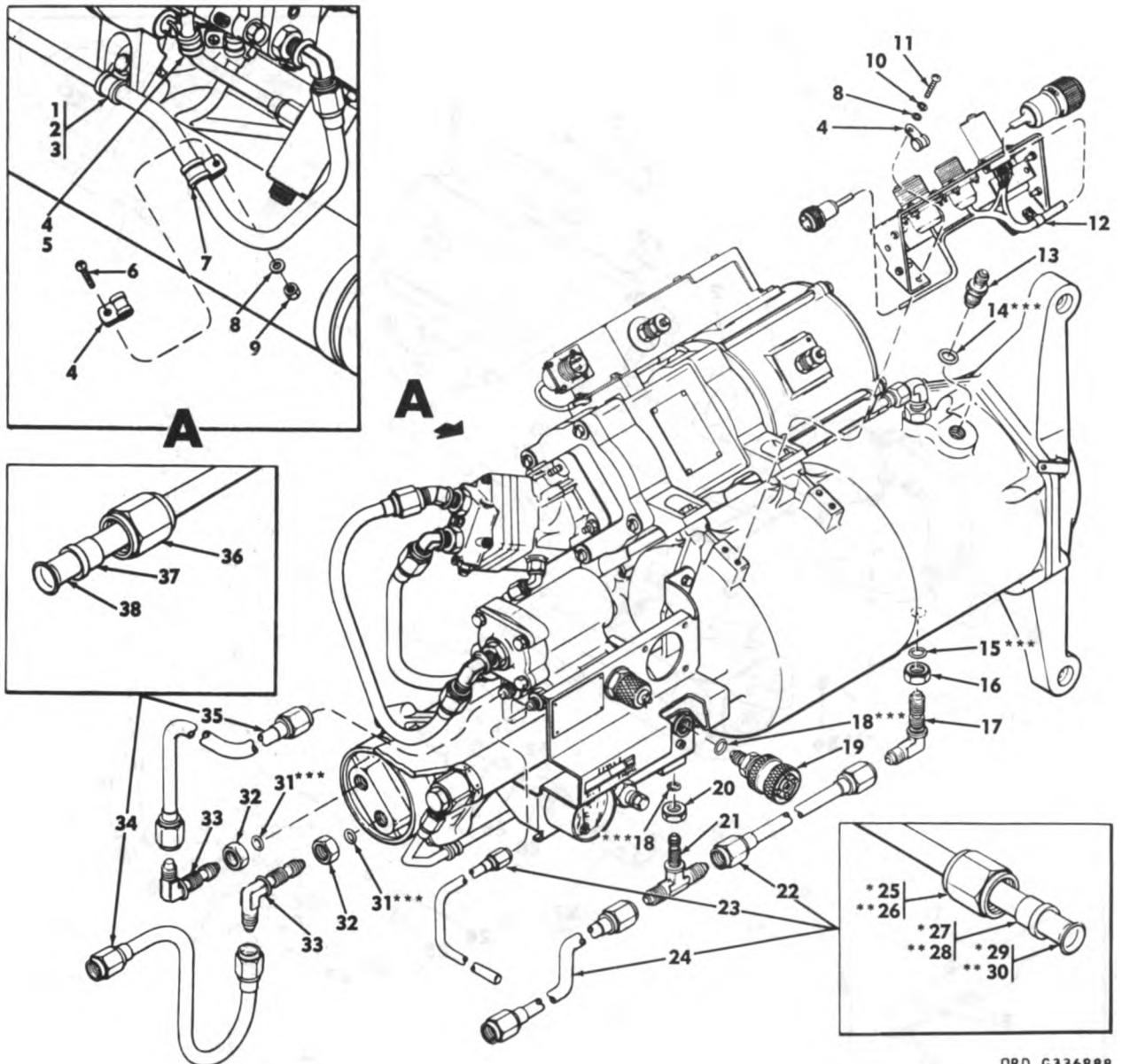
* COMPONENT OF KIT 5952217

FIGURE 101. PUMPING UNIT, HYDRAULIC /9019617/



- | | | | | | |
|----|-----------------------------|----|---------------------------|----|------------------------------|
| 1 | PUMP ASSEMBLY 9020545.....1 | 13 | PANEL 9019707.....1 | 29 | PACKING 8034517.....1 |
| | SEE FIGURE 104 FOR DETAILS | 14 | WASHER MS35333-77.....1 | 30 | BOLT 9020734.....1 |
| 2 | GASKET MS9134-01.....1 | 15 | NUT 9019934.....1 | 31 | CONNECTOR 9019891.....1 |
| | | 16 | WASHER AN960-10L.....1 | 32 | PACKING 10596841-1.....2 |
| 3 | BOLT AN4M6A.....3 | 17 | WASHER MS35338-138.....1 | 33 | NIPPLE MS2439204.....1 |
| 4 | WASHER NAS620-416L.....3 | 18 | SCREW MS35207-262.....1 | 34 | PACKING 8034446.....1 |
| 5 | MOTOR 9019635.....1 | 19 | VALVE MS28889-1.....1 | 35 | NUT MS21044M4.....3 |
| | SEE FIGURE 106 FOR DETAILS | 20 | PACKING 8034499.....1 | 36 | WASHER AN960-416L.....3 |
| 6 | MOTOR 9020643.....1 | 21 | SCREW MS35275-243.....1 | | |
| | SEE FIGURE 108 FOR DETAILS | 22 | WASHER AN960-8.....1 | | |
| 7 | ELBOW 9020598.....1 | 23 | GAGE 9018441.....1 | | * ALTERNATE FOR ITEM 5 |
| 8 | NUT AN924-6.....1 | 24 | PACKING MS28775-006.....1 | | ** COMPONENT OF MANIFOLD |
| 9 | PACKING 8034446.....1 | 25 | BOLT AN4M5A.....1 | | ASSEMBLY 9019883 |
| 10 | NUT MS21083D3.....5 | 26 | WASHER AN960C416L.....1 | | *** COMPONENT OF KIT 5952217 |
| 11 | WASHER AN960PD10L.....5 | 27 | MANIFOLD 9019938.....1 | | |
| 12 | BOLT AN3HSA.....5 | 28 | CONNECTOR NAS552-4.....1 | | |

FIGURE 100. PUMPING UNIT, HYDRAULIC /9019617/

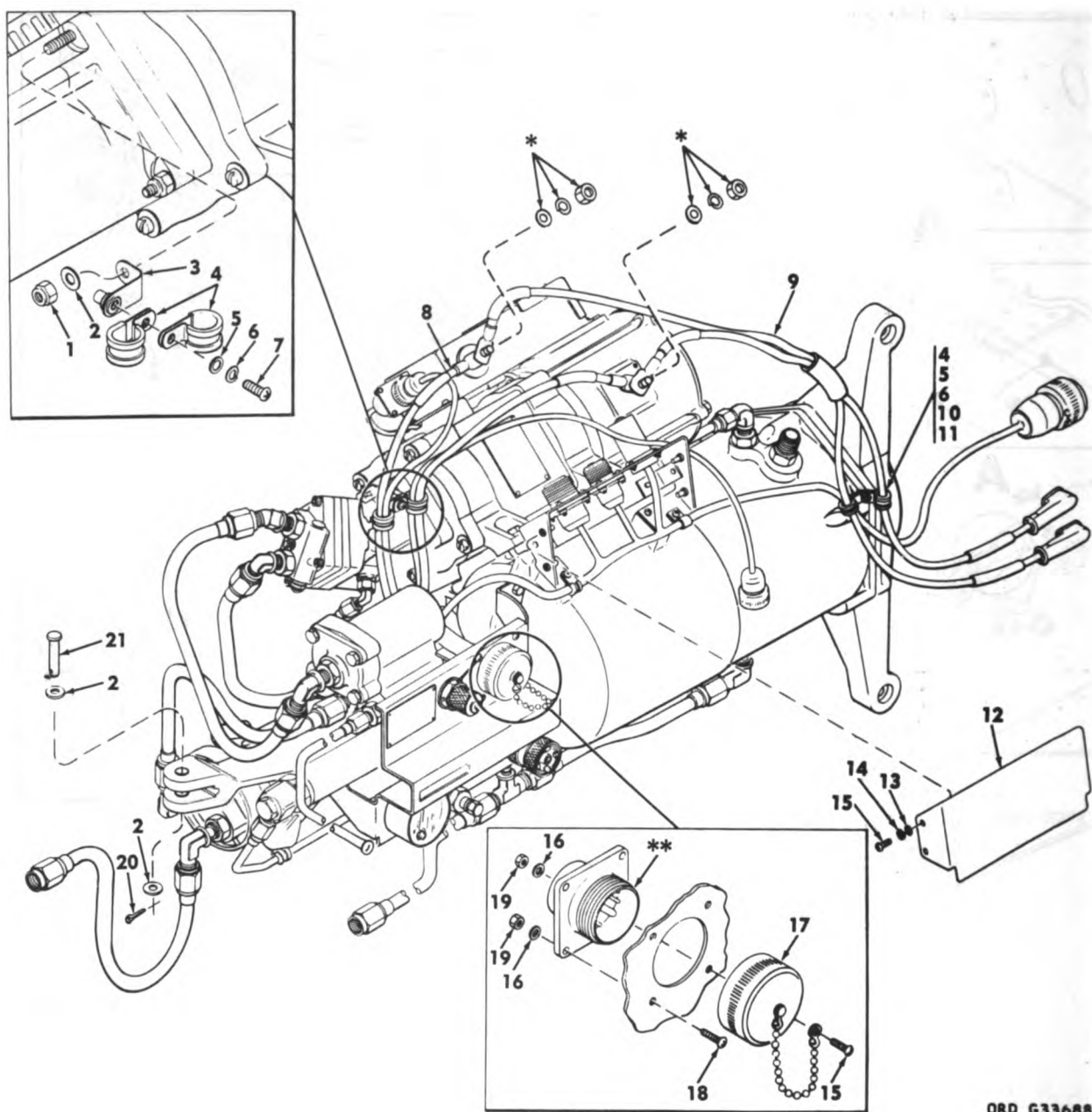


ORD G336888

1 BOLT AN4MSA.....1	15 PACKING 8034446.....1	29 TUBE 8177084.....*
2 WASHER MS620-416L.....1	16 NUT MS24400D6.....1	30 TUBE 8177083.....*
3 CLAMP MS21919D6.....2	17 ELBOW AN833-6D.....1	31 PACKING MS28775-111.....2
4 CLAMP MS21919D63.....3	18 PACKING 10596841-1.....2	32 NUT AN924-6J.....2
5 CLAMP MS21919D64.....1	19 COUPLING HALF 8527017.....1	33 ELBOW MS2439456.....2
6 SCREW MS35207-264.....2	SEE FIGURE 88 FOR DETAILS	34 TUBE ASSEMBLY 9019757.....1
7 CLAMP MS21919D66.....1	20 NUT MS24400D4.....1	35 TUBE ASSEMBLY 9019752.....1
8 WASHER AN960-10L.....6	21 TFE 8002829.....1	36 NUT AN818-6C.....2
9 NUT MS21044N3.....2	22 TUBE ASSEMBLY 9019738.....1	37 SLEEVE MS20819-6J.....2
10 WASHER MS35338-138.....1	23 TUBE ASSEMBLY 9019747.....1	38 TUBE 8030496.....*
11 SCREW MS35207-262.....4	24 TUBE ASSEMBLY 9019755.....1	
12 PANEL ASSEMBLY 9019729.....1	25 NUT AN818-6D.....2	
SEE FIGURE 102 FOR DETAILS	26 NUT AN818-4D.....1	
13 SWITCH 9020577.....1	27 SLEEVE MS20819-6D.....2	
14 PACKING MS28778-8.....1	28 SLEEVE MS20819-4D.....1	

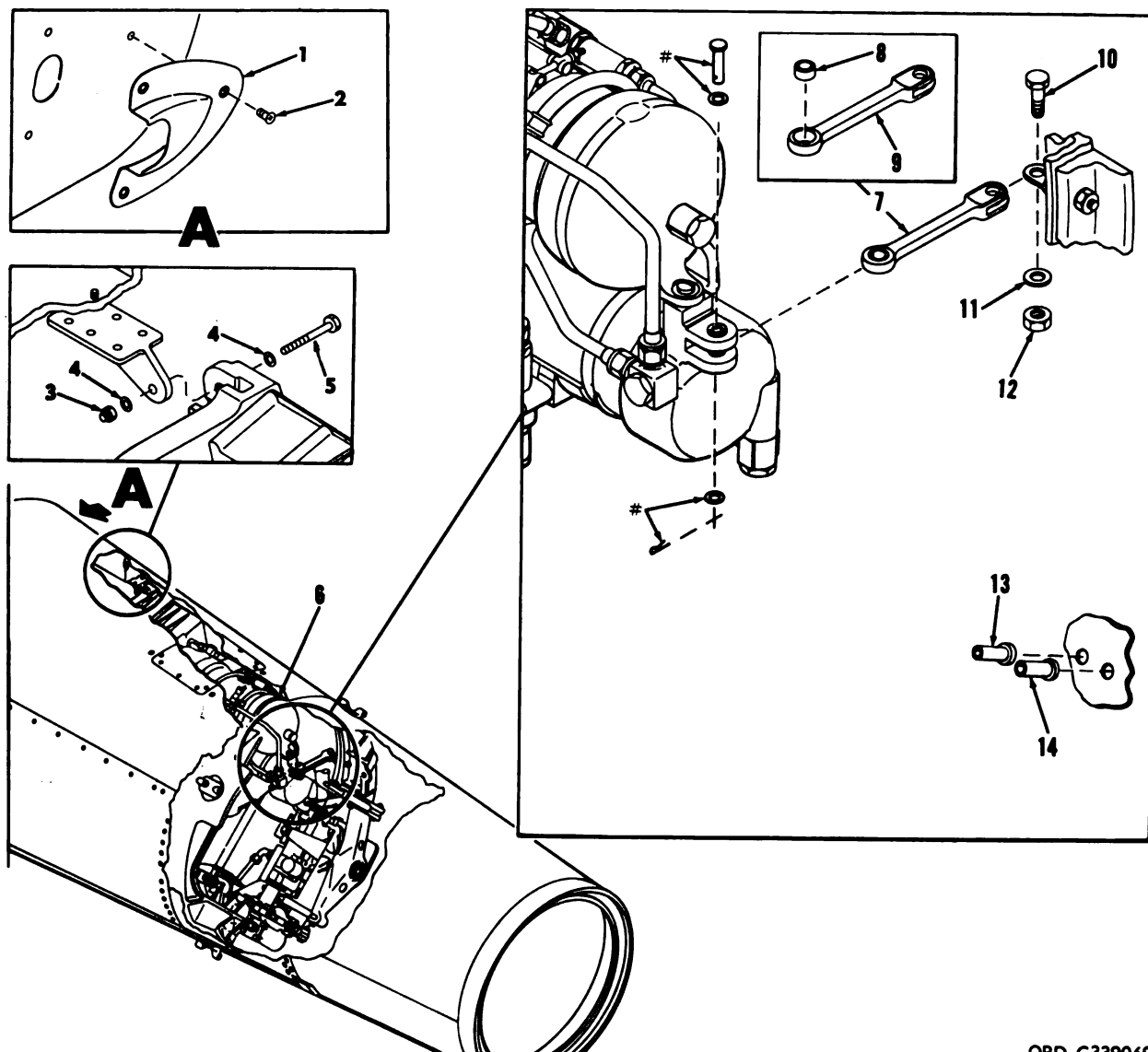
* COMPONENT OF ITEMS 22 AND 24
 ** COMPONENT OF ITEM 23
 *** COMPONENT OF KIT 5952217

FIGURE 99. PUMPING UNIT, HYDRAULIC /9019617/



- | | | | | | |
|---|------------------------------|----|------------------------------|----|------------------------------|
| 1 | NUT MS21044N4.....1 | 9 | WIRING HARNESS 9019903.....1 | 17 | COVER 10010805-000.....1 |
| 2 | WASHER AN960-416L.....3 | | SEE FIGURE 171, NUMBER 10 | 18 | SCREW MS35206-230.....3 |
| 3 | BRACKET 9978677.....1 | | FOR DETAILS | 19 | NUT MS21044N06.....4 |
| 4 | CLAMP MS21919WDG7.....3 | 10 | SCREW MS35207-266.....1 | 20 | PIN 20503-10.....1 |
| 5 | WASHER AN960-10L.....2 | 11 | CLAMP MS21919WDG9.....1 | 21 | PIN MS20392-3C41.....1 |
| 6 | WASHER MS35338-43.....2 | 12 | COVER 9019928.....1 | | |
| 7 | SCREW MS35207-265.....1 | 13 | WASHER NAS620-6.....4 | | |
| 8 | WIRING HARNESS 9019922.....1 | 14 | WASHER MS35338-136.....4 | | |
| | SEE FIGURE 171, NUMBER 26 | 15 | SCREW MS35206-231.....5 | | |
| | FOR DETAILS | 16 | WASHER AN960-6L.....4 | | |
| | | | | | * COMPONENT OF MOTOR 9019635 |
| | | | | | ** COMPONENT OF ITEM 8 |

FIGURE 98. PUMPING UNIT, HYDRAULIC /9019617/
/SEE FIGURE 97 FOR NEXT HIGHER ASSEMBLY/



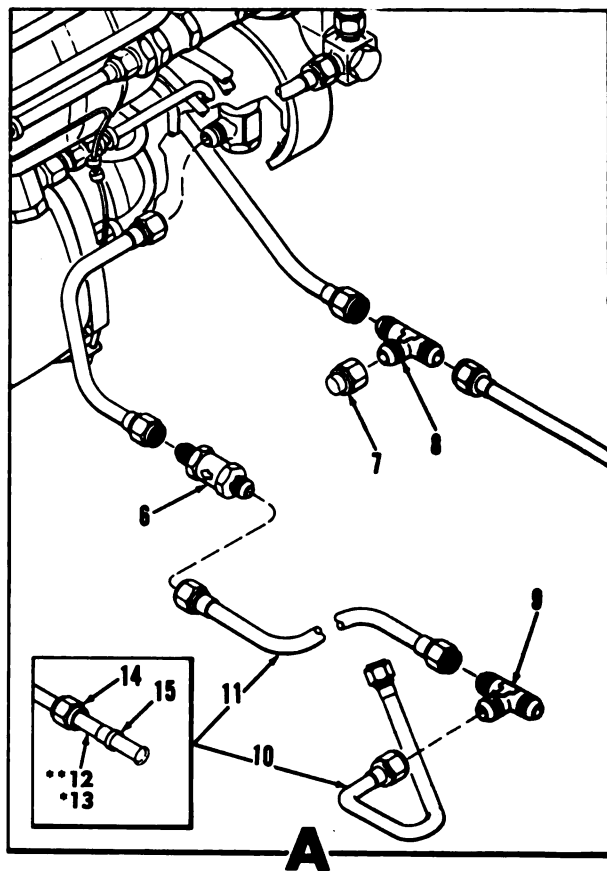
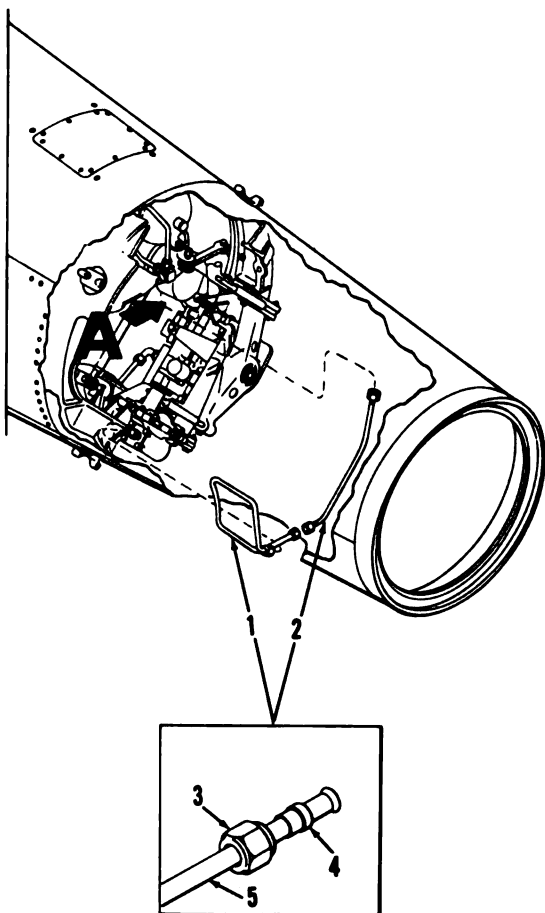
ORD G339069

1 VENTILATOR 8524874.....1
 2 SCREW MS24694S49.....3
 3 NUT MS21044N5.....2
 4 WASHER MS27183-12.....4
 5 BOLT AN5-13A.....2
 6 PUMPING UNIT 9019617.....1
 SEE FIGURE 98 FOR DETAILS

7 LINK ASSEMBLY 8524936.....1
 8 BEARING 8524566.....1
 9 LINK 8524936-3.....1
 10 BOLT AN6-7A.....1
 11 WASHER AN960-616L.....1

12 NUT MS21083D6.....1
 13 BUSHING 9025886.....1
 14 BUSHING 8164729.....1
 8 COMPONENT OF PUMPING UNIT
 9019617

FIGURE 97. SYSTEM INSTALLATION, HYDRAULIC /9020507/



ORD G294766

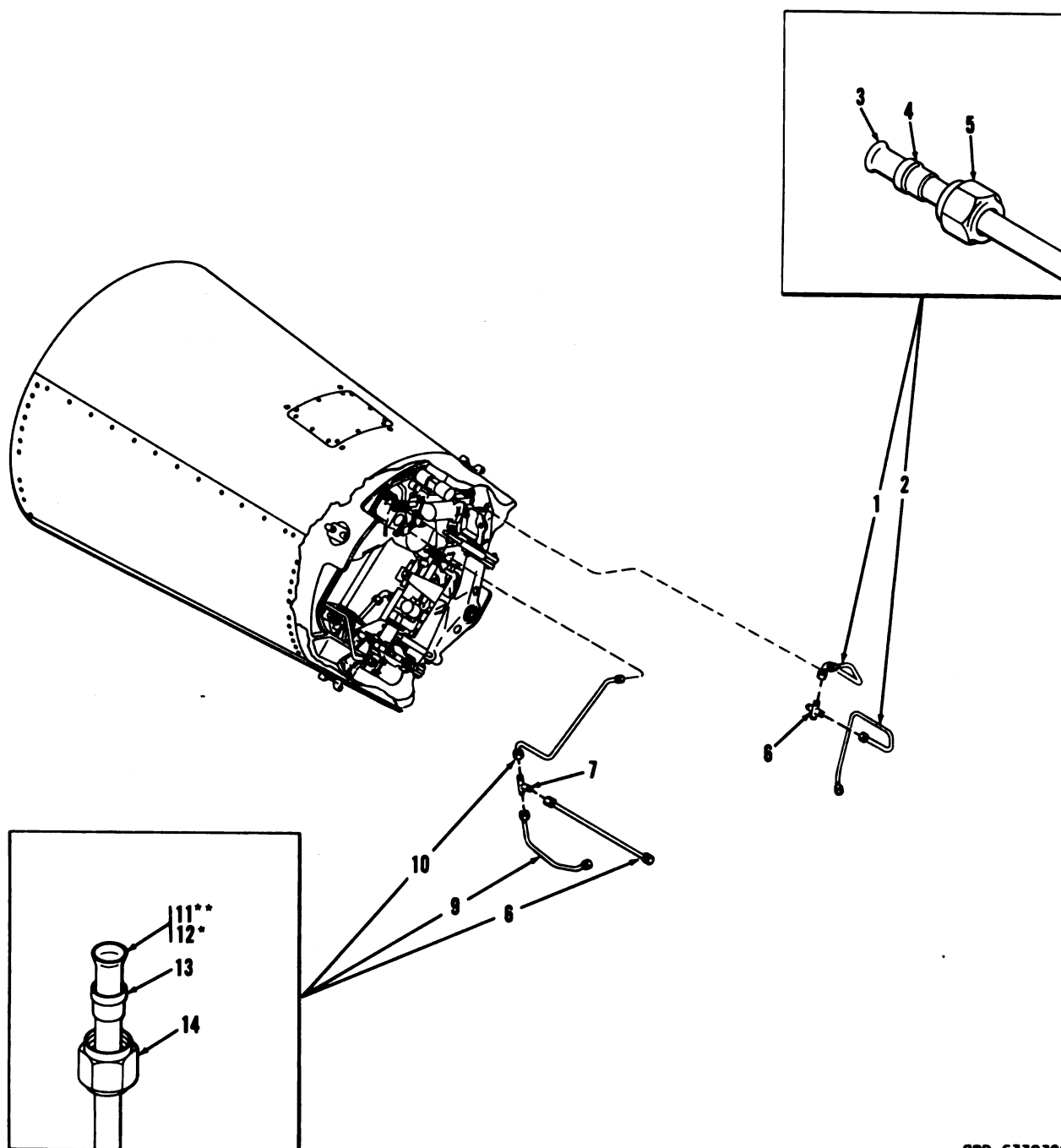
1 TUBE ASSEMBLY MS21035.....1
 2 TUBE ASSEMBLY 8521034.....1
 3 NUT AN818-6.....2
 4 SLEEVE MS20819-6.....2
 5 TUBE R030496.....*
 6 VALVE 9019693.....1
 7 CAP AN929-6J.....1

8 TEE MS24402-6.....1
 9 TEE MS24402D6.....1
 10 TUBE ASSEMBLY 8521042.....1
 11 TUBE ASSEMBLY 9019660.....1
 12 TUBE 8521636.....*
 13 TUBE R177084.....*
 14 NUT AN818-6D.....2

15 SLEEVE MS20819-6D.....2

* COMPONENT OF ITEM 11
 ** COMPONENT OF ITEM 10

FIGURE 96. SYSTEM INSTALLATION, HYDRAULIC /9020507/



ORD 6339305

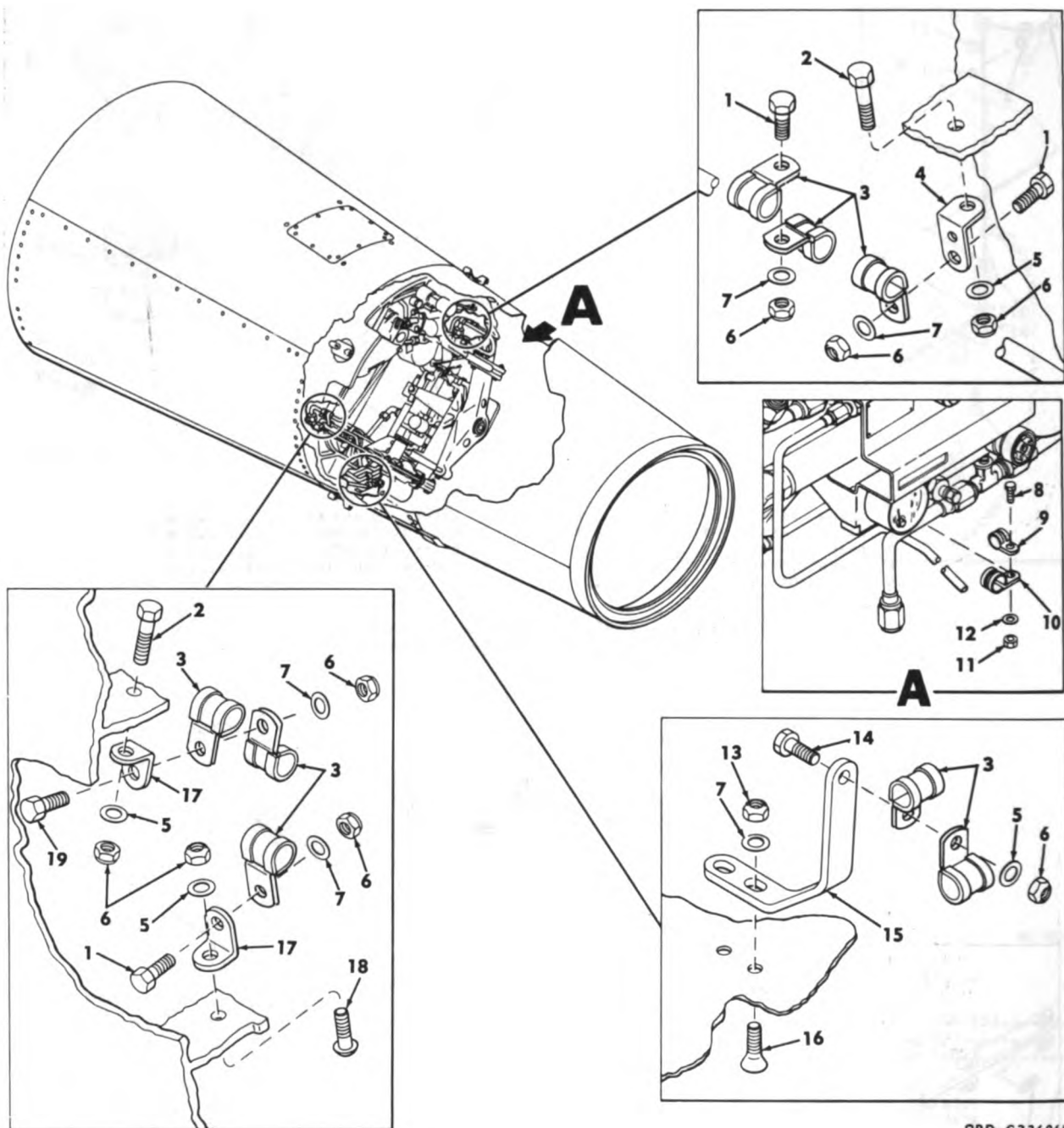
1 TUBE ASSEMBLY 8521037.....1
2 TUBE ASSEMBLY 8521036.....1
3 TUBE R030496.....*

7 TEE MS2440204.....1
8 TUBE ASSEMBLY 8521040.....1
9 TUBE ASSEMBLY 8521038.....1
10 TUBE ASSEMBLY 8521039.....1
11 TUBE 8521636.....*

13 SLEEVE MS20819-6D.....2
14 NUT AN818-6D.....2

* COMPONENT OF ITEM 10
** COMPONENT OF ITEMS 8 AND 9

FIGURE 95. SYSTEM INSTALLATION, HYDRAULIC /9020507/



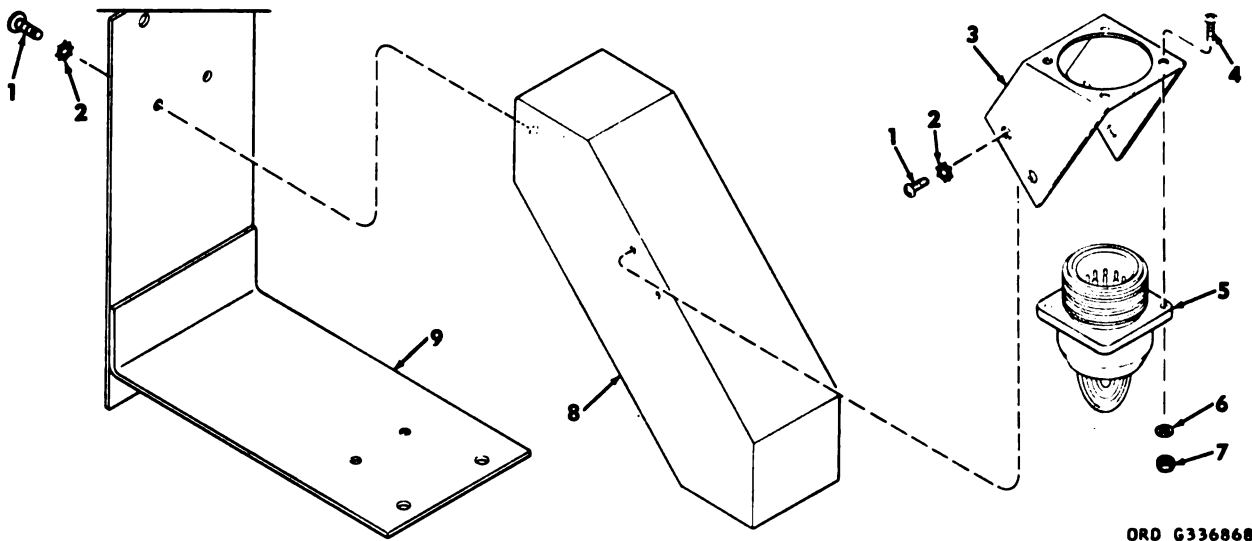
ORD G336869

1 BOLT AN3-3A.....3
2 BOLT AN3-4A.....2
3 CLAMP MS21919DG6.....8
4 BRACKET MS21063.....1
5 WASHER AN960-10.....4
6 NUT MS2104403.....4
7 WASHER AN960-10L.....6

8 BOLT AN3-3A.....1
9 CLAMP MS21919DG6.....1
10 CLAMP MS21919DG6.....1
11 NUT MS2104403.....1
12 WASHER AN960-10L.....1
13 NUT MS21083N3.....2
14 BOLT AN3-5A.....1

15 BRACKET MS21062.....1
16 SCREW MS24694S50.....2
17 BRACKET AN743-12.....2
18 SCREW NAS221-11.....1
19 BOLT AN3-4A.....1

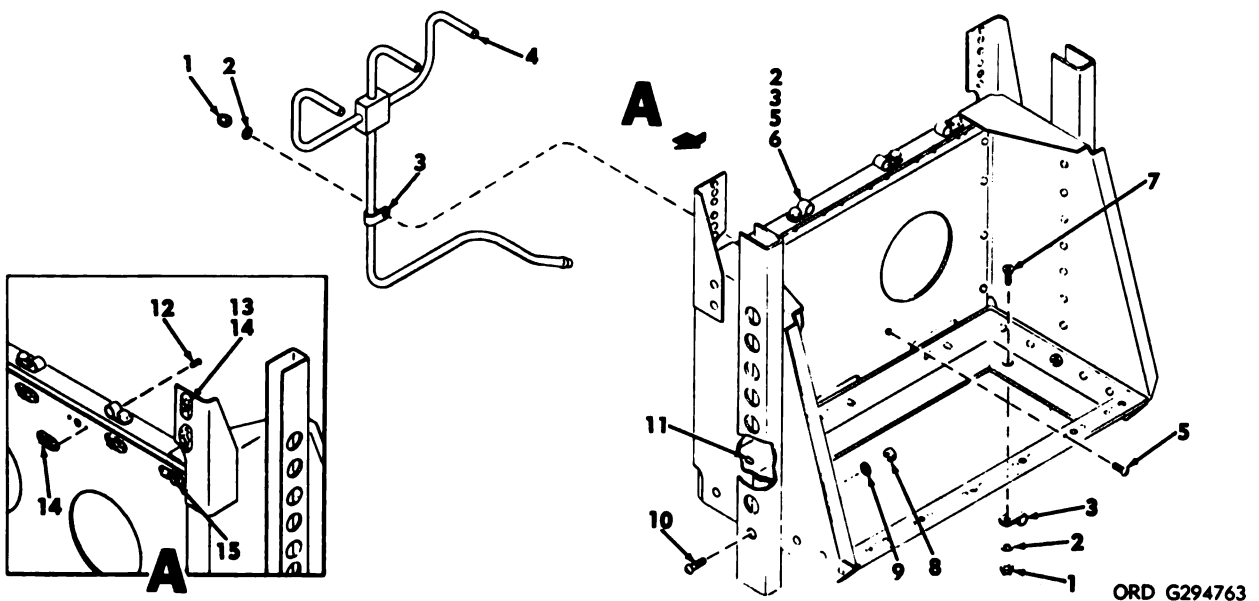
FIGURE 94. SYSTEM INSTALLATION, HYDRAULIC /9020507/
/SEE FIGURE 69 FOR NEXT HIGHER ASSEMBLY/



ORD G336868

- | | | | |
|---|-------------------------|---|-------------------------------|
| 1 | SCREW MS35223-62.....8 | 6 | WASHER AN960-6L.....4 |
| 2 | WASHER MS35335-32.....8 | 7 | NUT MS21083N06.....4 |
| 3 | BRACKET 9019711.....1 | 8 | PLATE 9019714.....1 |
| 4 | SCREW 154982.....4 | 9 | SUPPORT AND PIN 9019723.....1 |
| 5 | CONNECTOR 9019715.....1 | | |

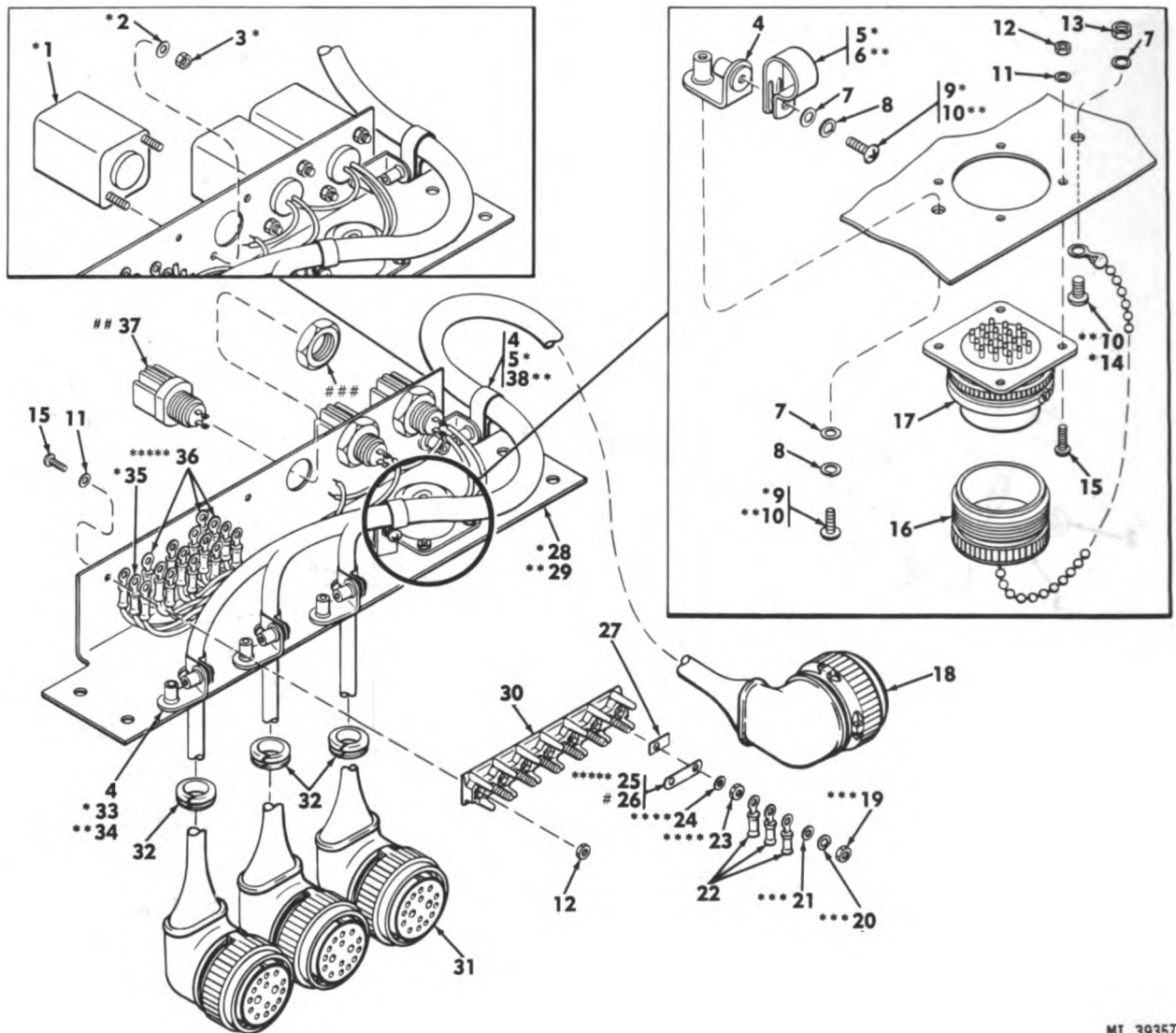
FIGURE 92. DUMMY BATTERY, SQUIB /9019687/
/SEE FIGURE 79 FOR NEXT HIGHER ASSEMBLY/



ORD G294763

- | | | | | | |
|---|----------------------------------|----|-------------------------|----|---------------------------|
| 1 | NUT MS21083N08.....2 | 6 | NUT 9018867.....3 | 12 | RIVET MS20426A03-6.....24 |
| 2 | WASHER AN960-8L.....5 | 7 | SCRFW MS24693S49.....1 | 13 | RIVFT MS20426A3-4.....8 |
| 3 | CLAMP MS9025-03.....5 | 8 | NUT MS21083N3.....2 | 14 | NUT MS21059L3.....14 |
| 4 | VENT TUBE ASSEMBLY 9019807.....1 | 9 | WASHER AN960-10L.....2 | 15 | NUT MS21061L3.....2 |
| 5 | SCREW MS35206-244.....4 | 10 | SCREW MS35207-264.....2 | | |
| | | 11 | PIN 9019797.....3 | | |

FIGURE 93. RACK, BATTERY /9019675/
/SEE FIGURE 79 FOR NEXT HIGHER ASSEMBLY/

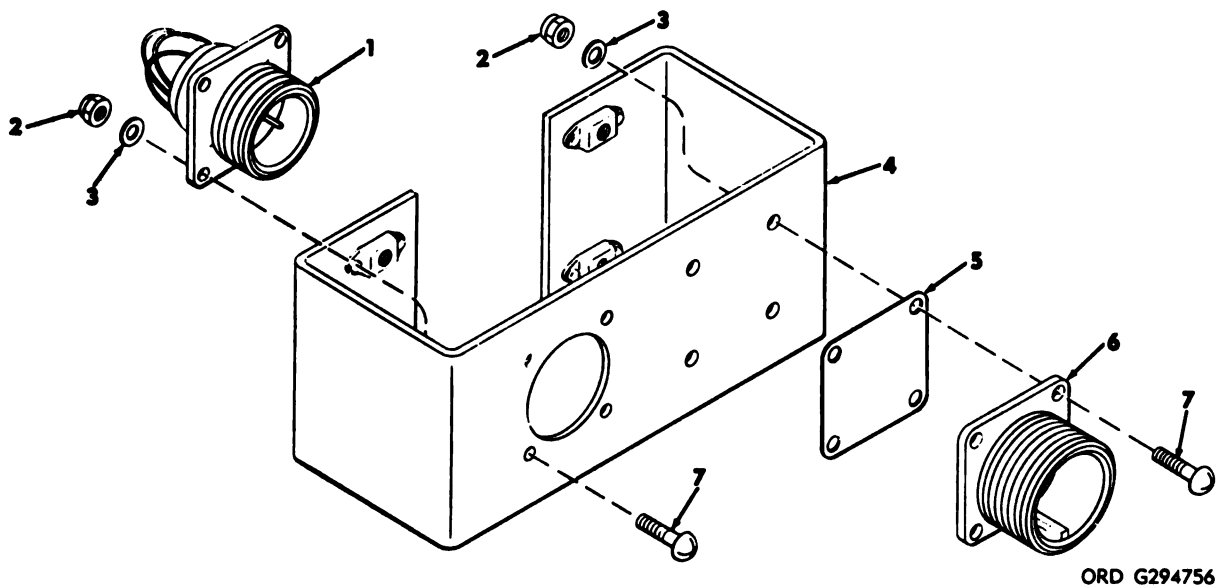


MI 39357

1 TRANSFORMER 9018328.....3	19 NUT MS35649-262.....6	36 TERMINAL MS25036-101.....3
2 WASHER AN960-6L.....6	20 WASHER MS35338-41.....6	37 RESISTOR 9020578.....3
3 NUT MS21044N06.....6	21 WASHER AN960-6L.....6	38 CLAMP NAS1397P6N.....1
4 BRACKET 9019631.....5	22 TERMINAL MS25036-101.....15	
5 CLAMP NAS1397R7.....2	23 NUT MS250-82-1.....6	
6 CLAMP NAS1397K9N.....1	24 WASHER AN960-6L.....6	
7 WASHER AN960-8L.....11	25 LINK MS25226-2-20.....2	
8 WASHER MS35338-42.....10	26 LINK MS25226-2-20.....3	
9 SCREW MS35206-246.....10	27 INSULATOR MS25227-1.....2	
10 SCREW MS35206-243.....11	28 PANEL 9978089.....1	
11 WASHER MS27183-4.....6	29 PANEL 901972H.....1	
12 NUT MS21044N04.....6	30 TERMINAL BOARD MS27212-1-20.....1	
13 NUT MS21083N08.....1	31 CONNECTOR 9018927.....3	
14 SCREW MS35206-243.....1	32 GROMMET NAS557-88.....3	
15 SCREW MS35206-215.....6	33 CLAMP NAS1397R5.....3	
16 COVER MS25042-22C.....1	34 CLAMP NAS1397P6N.....3	
17 CONNECTOR 9026507.....1	35 TERMINAL MS25036-101.....1	
18 CONNECTOR 9018A64.....1		

* FOR PANEL 9978069
 ** FOR PANEL 9019678
 *** FOR PANEL 9978069 WITH
 SERIAL NO. 17352 AND UP
 **** FURNISHED WITH ITEM 30
 ***** FOR PANEL 9978069 WITH
 SERIAL NO. 18850 AND UP
 # FOR PANEL 9019678 AND FOR
 PANEL 9978069 WITH SERIAL
 NO. 16685-18849
 ## FOR PANEL 9019678 WITH
 SERIAL NO. 14965-16684
 ### FURNISHED WITH ITEM 37

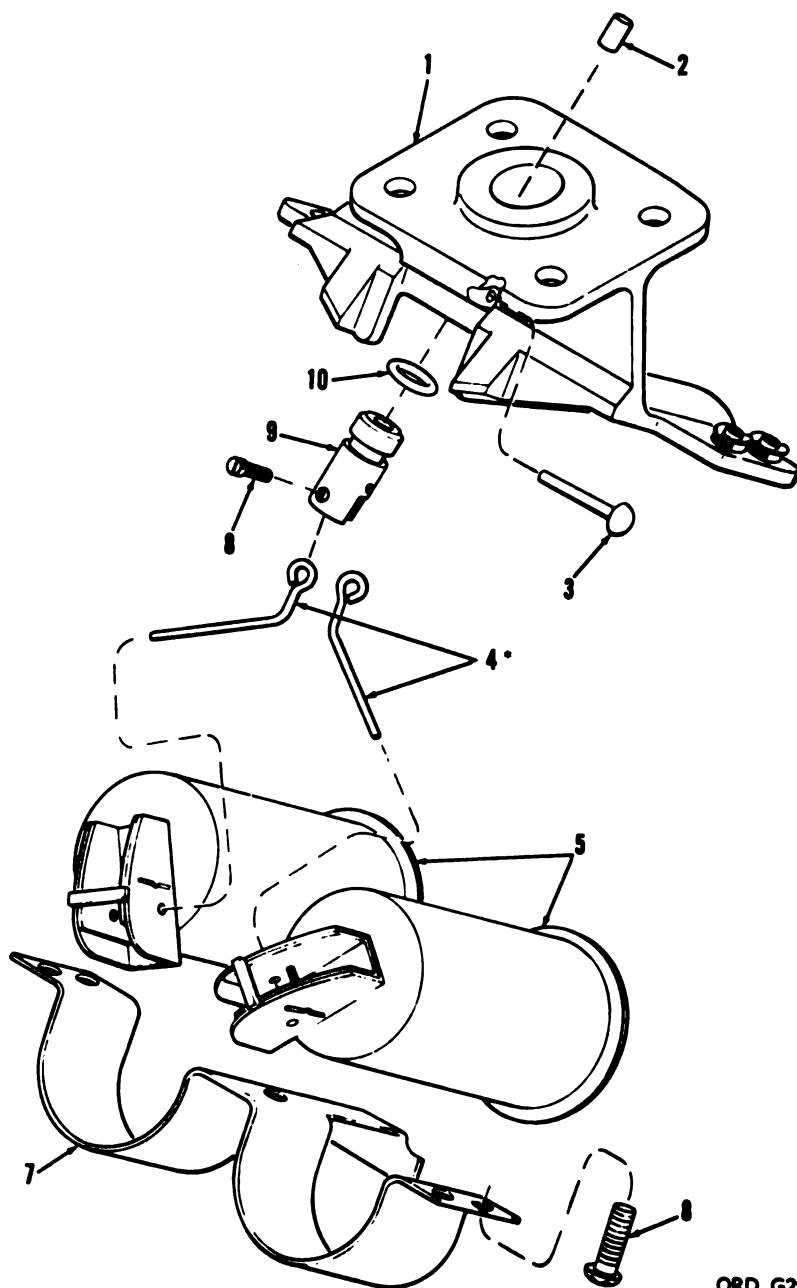
FIGURE 91. PANEL, COMPONENT MOUNTING /9019678 AND 9978069/
 /SEE FIGURE 79 FOR NEXT HIGHER ASSEMBLY/



ORD G294756

- | | | | |
|---|-----------------|-----------------|---|
| 1 | DUMMY CONNECTOR | 9978536..... | 1 |
| 2 | NUT | MS21044M04..... | 8 |
| 3 | WASHER | MS27183-4..... | 8 |
| 4 | BRACKET | 9978537..... | 1 |
| 5 | GASKET | NA3990-4..... | 1 |
| 6 | CONNECTOR | MS3105-145..... | 1 |
| 7 | SCREW | MS91957-17..... | 8 |

FIGURE 90. CONNECTOR ASSEMBLY, ELECTRICAL /9978535/
/SEE FIGURE 78 FOR NEXT HIGHER ASSEMBLY/



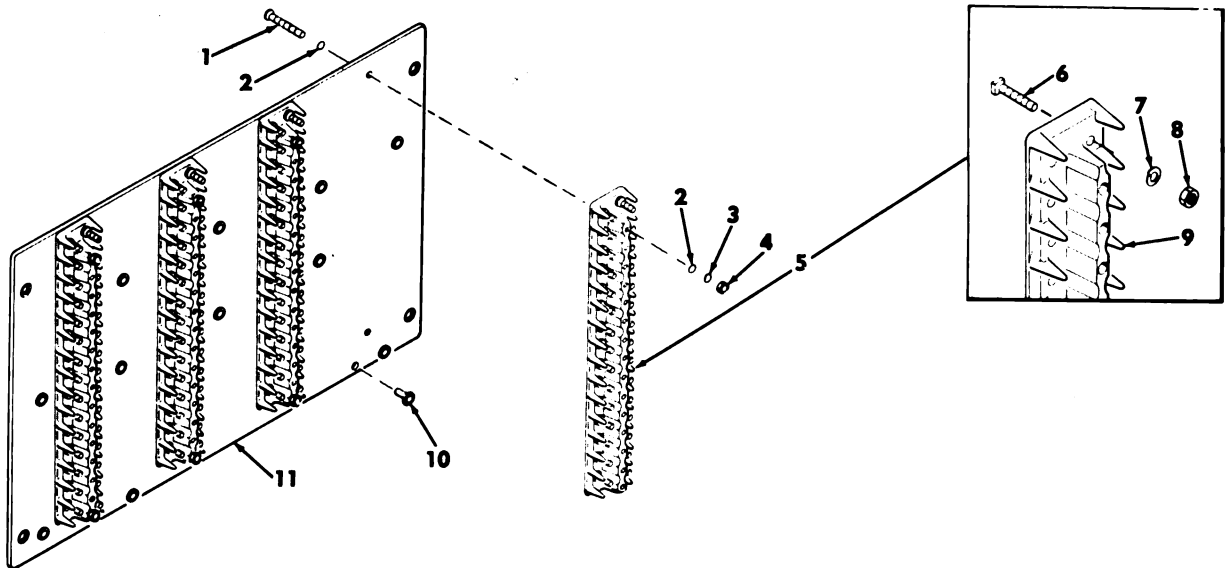
ORD G294754A

1 BRACKET 902829A.....1
2 CAP 8526709.....1
3 RIVET MS20470A1-1A.....1
4 PIN 400514.....2
5 BATTERY 9030655.....2

6 SCREW MS35207-264.....5
7 STRAP 9031067.....1
8 SCREW 901A65A.....1
9 PLUG 8522292.....1
10 PACKING 8034456.....1

• FURNISHED WITH ITEM 5

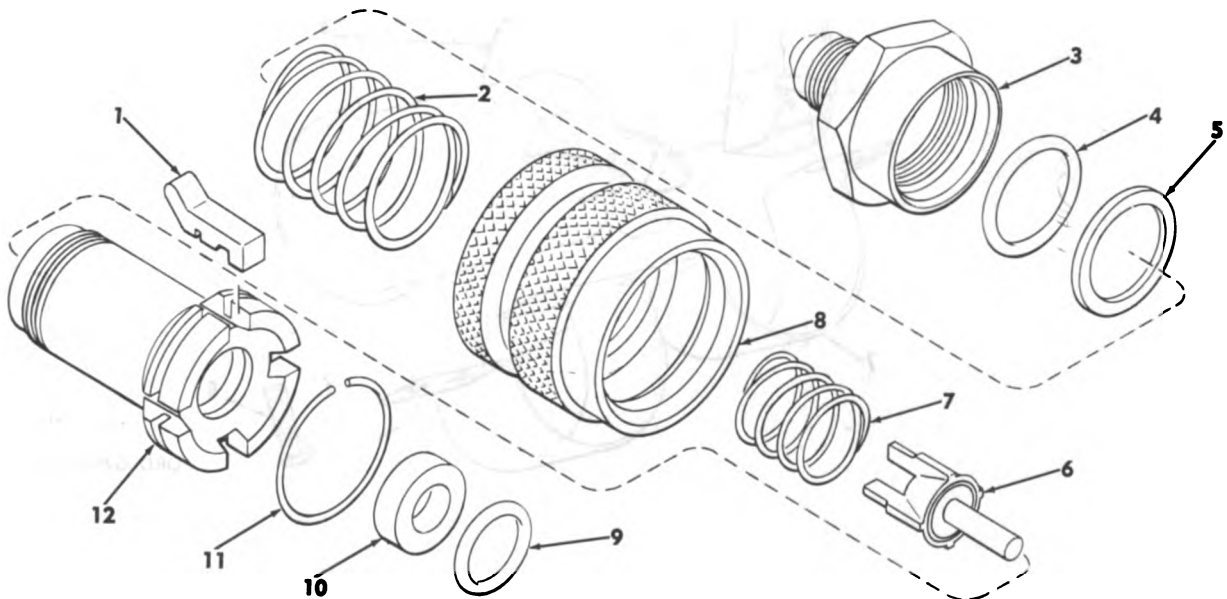
FIGURE 89. BATTERY ASSEMBLY /9031082/
/SEE FIGURE 77 FOR NEXT HIGHER ASSEMBLY/



ORD G294751

1 SCREW MS35206-235.....8	5 TERMINAL BOARD 9028078.....4	9 TERMINAL BOARD
2 WASHER 53794.....16	6 TERMINAL AN3432-6-10.....30	9028079.....4
3 WASHER MS35338-41.....8	7 WASHER MS35333-37.....30	10 NUT MS27130-18K.....14
4 NUT 8537307.....8	8 NUT 8537307.....30	11 PANEL 9028073.....1

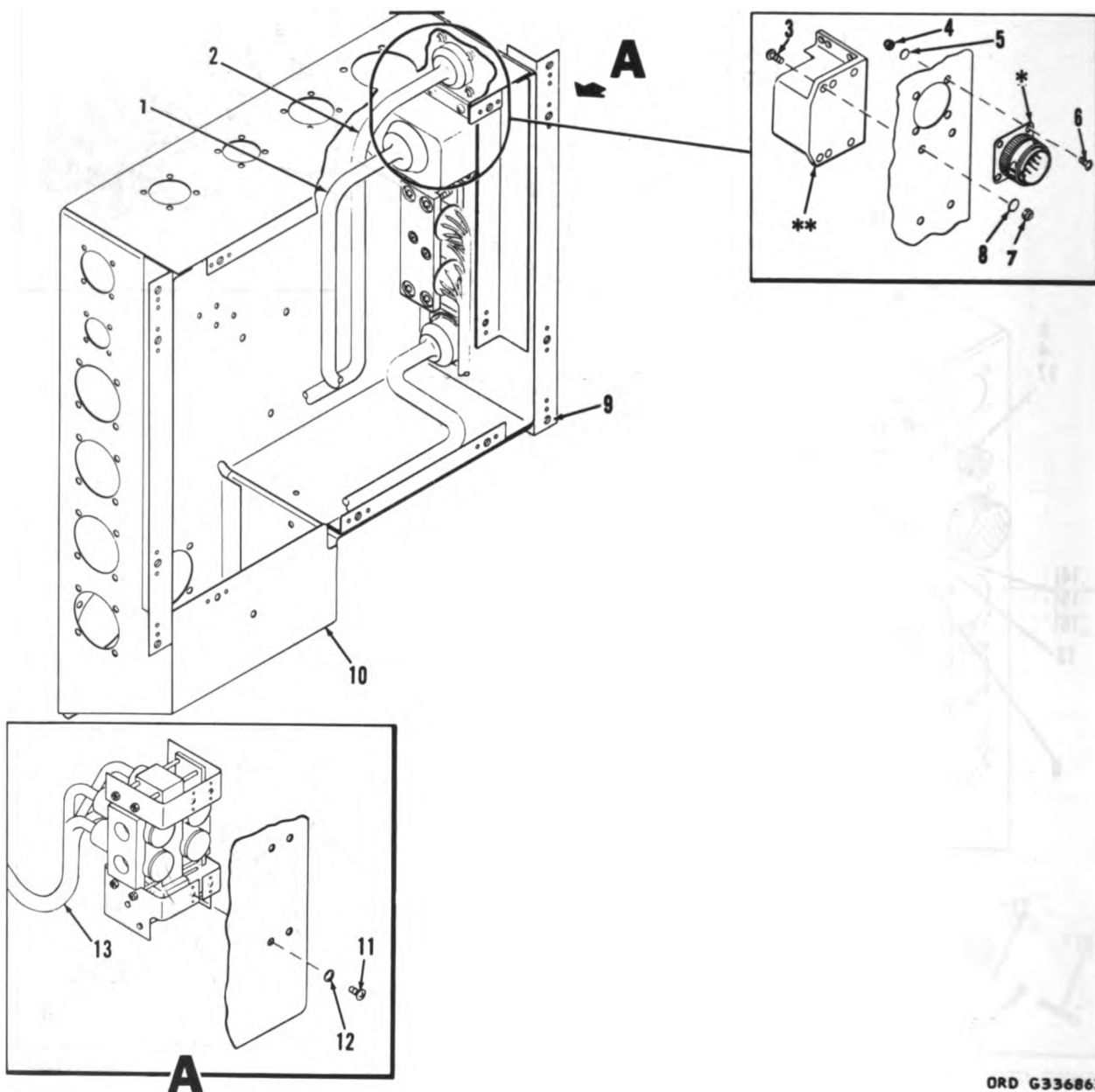
FIGURE 87. PANEL ASSEMBLY /9028082/
/SEE FIGURE 83 FOR NEXT HIGHER ASSEMBLY/



ORD G294795

1 DOG WS4.....4	5 RETAINER 6000-4-39.....1	9 PACKING Y13-12.....1
2 SPRING 6000-4-4.....1	6 VALVE Y6000-4-810.....1	10 PACKING Y6000-4-12.....1
3 END 6000-04-15.....1	7 SPRING 6000-4-11.....1	11 RING 60000-4-6.....1
4 PACKING Y13-5.....1	8 SLEEVE 6000-4-3.....1	12 BODY 60000-4-1.....1

FIGURE 88. COUPLING HALF, QUICK DISCONNECT /8527017/
/SEE FIGURE 99 FOR NEXT HIGHER ASSEMBLY/



ORD G336863

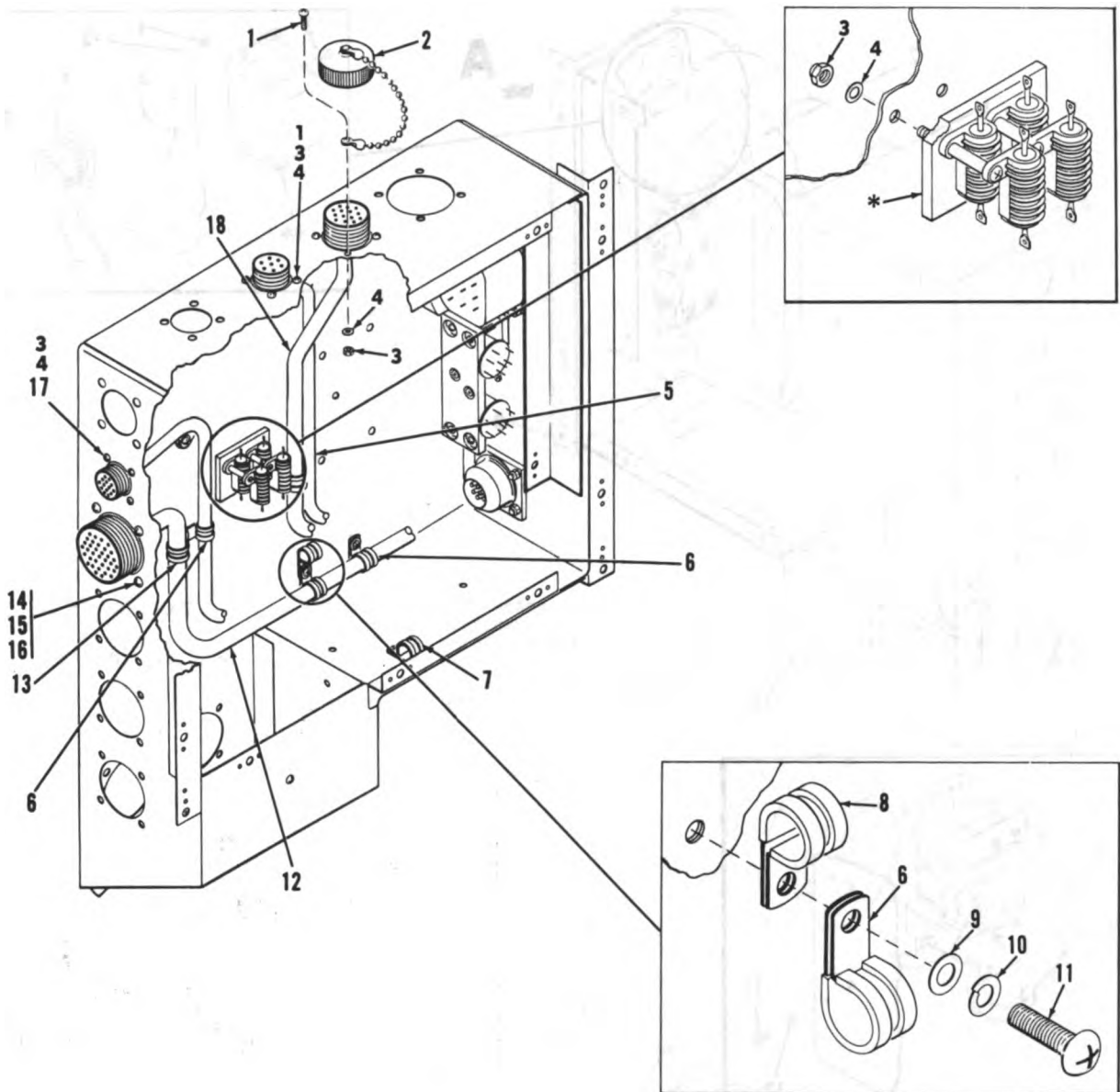
- 1 WIRING HARNESS 9028015.....1
SEE FIGURE 171, NUMBER 28
FOR DETAILS
- 2 WIRING HARNESS 9019685.....1
SEE FIGURE 171, NUMBER 14
FOR DETAILS
- 3 SCREW MS35206-228.....4
- 4 NUT MS21044N04.....4

- 5 WASHER MS27183-4.....4
- 6 SCREW MS35206-216.....4
- 7 NUT MS21083N06.....4
- 8 WASHER AN960-6L.....4
- 9 NUT MS21061L3.....4
- 10 DISTRIBUTION BOX 9020505.....1
- 11 SCREW MS35206-228.....4
- 12 WASHER AN960-6L.....4

- 13 WIRING HARNESS 9019720.....1
SEE FIGURE 171, NUMBER 6
FOR DETAILS

* COMPONENT OF ITEM 2
** COMPONENT OF ITEM 1

FIGURE A6. DISTRIBUTION BOX /9019677/

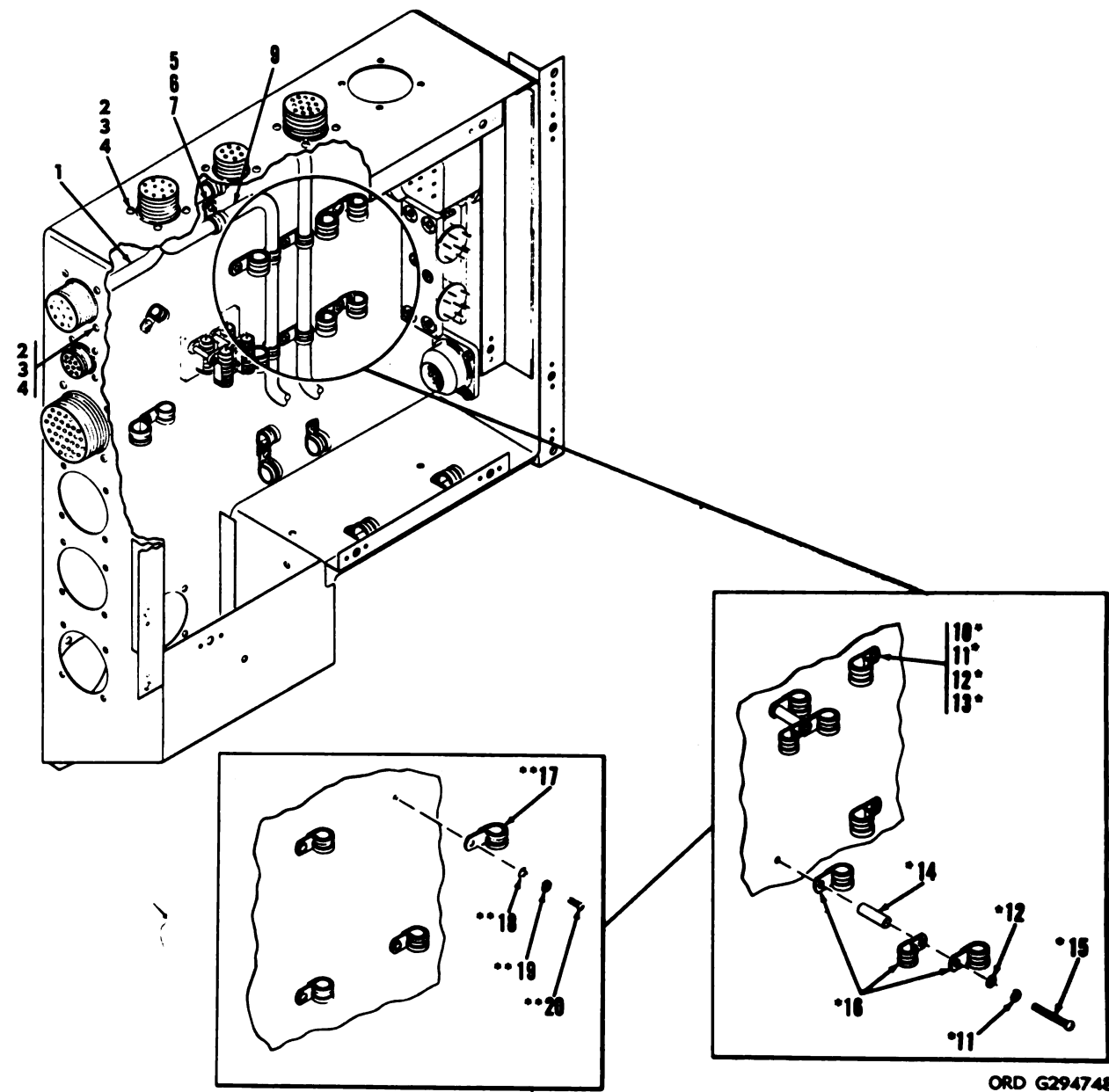


ORD G336862

1	SCREW MS35206-216.....8	9	WASHER AN960-10L.....8	17	SCREW MS35206-215.....4
2	COVER MS25043-20C.....1	10	WASHER MS35338-43.....8	18	RELAY ASSEMBLY AND WIRING
3	NUT MS21044N04.....16	11	SCREW MS35207-265.....8		HARNESS 9C19804.....1
4	WASHER MS27183-4.....16	12	WIRING HARNESS 9028007.....1		SEE FIGURE 171, NUMBER 5
5	WIRING HARNESS 9028021.....1		SEE FIGURE 171, NUMBER 16		FOR DETAILS
	FOR DETAILS	13	CLAMP MS21919WDG8.....1		
6	CLAMP MS21919WDG7.....4	14	SCREW AN526-632R8.....4		
7	CLAMP MS21919WDG6.....1	15	WASHER AN960-6L.....4		
8	CLAMP MS21919WDG4.....1	16	NUT MS21044N06.....4		

* COMPONENT OF ITEM 18

FIGURE 85. DISTRIBUTION BOX /9019677/



ORD G294748

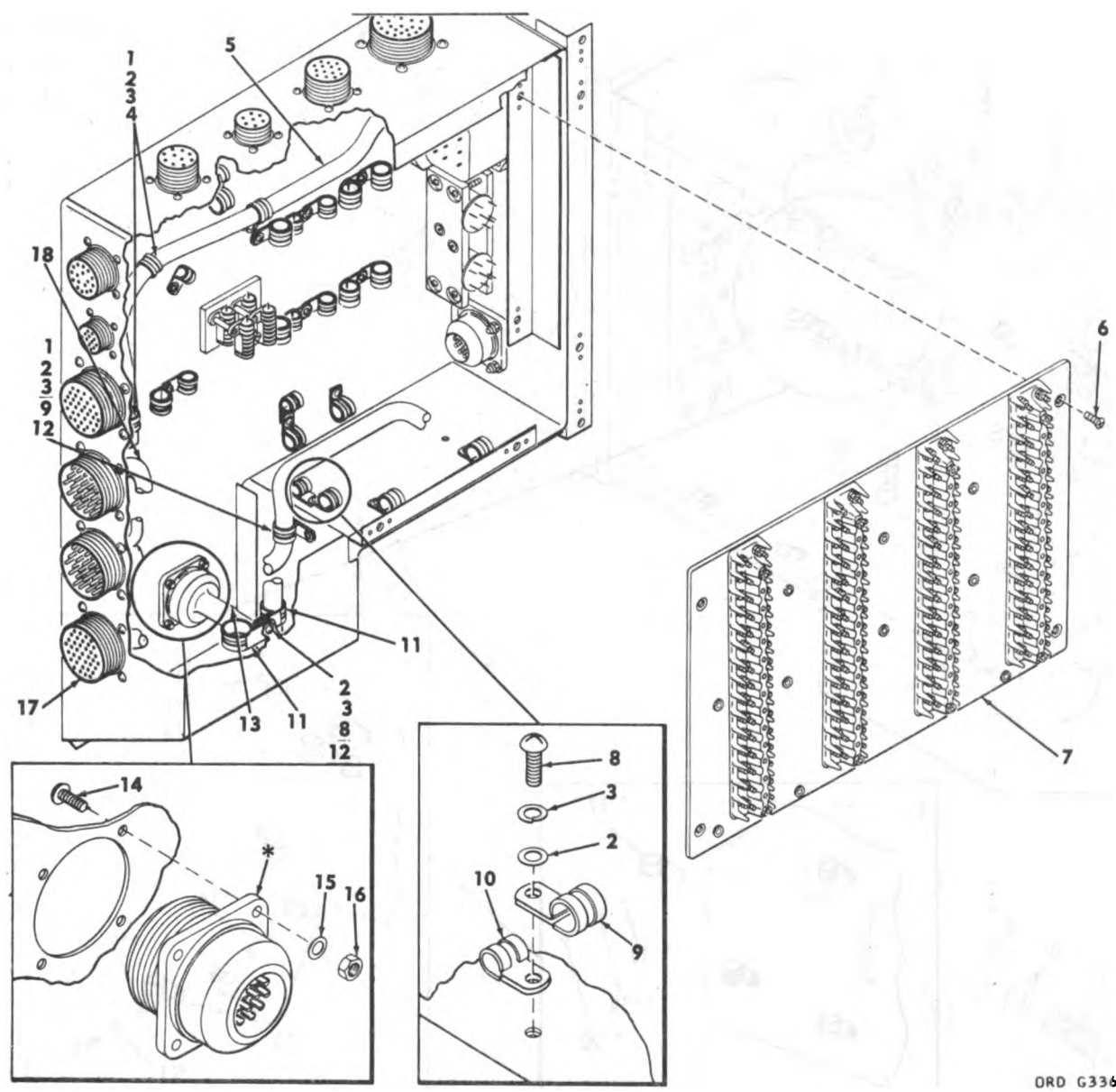
1 WIRING HARNESS 9028011.....1
SEE FIGURE 171, NUMBER 19
FOR DETAILS
2 SCREW MS35206-216.....8
3 WASHER MS27183-4.....8
4 NUT MS21044N04.....8
5 SCREW MS35207-265.....1
6 WASHER MS35338-43.....1
7 WASHER AN960-10L.....1
8 CLAMP MS21919WDG6.....2

9 WIRING HARNESS 9028410.....1
SEE FIGURE 171, NUMBER 21
FOR DETAILS
10 SCREW AN520-10R11.....2
11 WASHER MS35338-43.....4
12 WASHER AN960-10L.....4
13 CLAMP MS21919WDG7.....2
14 SPACER NAS43-3-48.....2
15 SCREW MS35207-269.....2
16 CLAMP MS21919WDG6.....6

17 CLAMP MS21919WDG9.....4
18 WASHER AN960-10L.....4
19 WASHER MS35338-43.....4
20 SCREW MS35207-265.....4

* FOR DISTRIBUTION BOX 9019677
WITH SERIAL NO. 14965-19202
** FOR DISTRIBUTION BOX 9019677
WITH SERIAL NO. 19203 AND UP

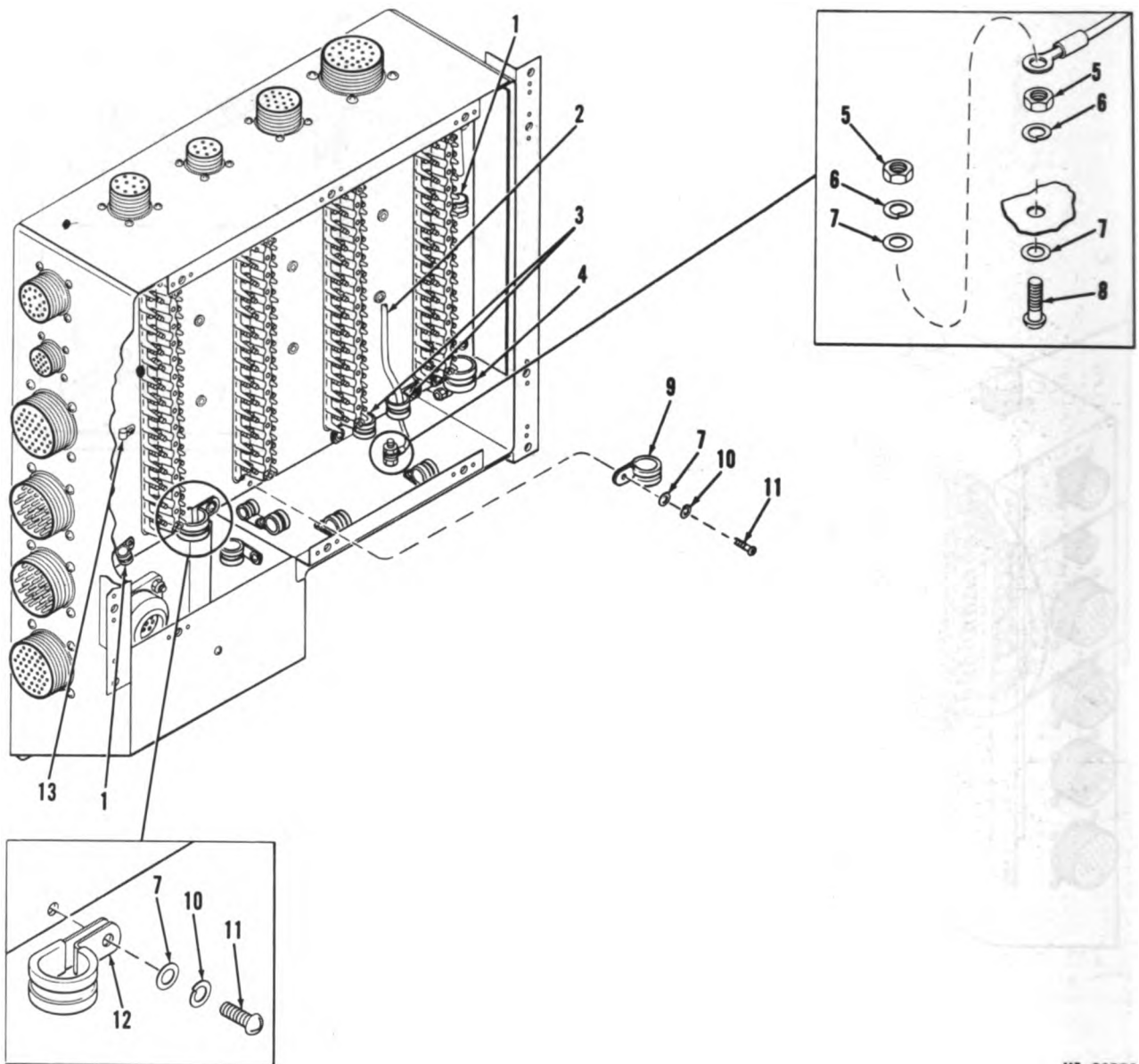
FIGURE 84. DISTRIBUTION BOX /9019677/



ORD G336861

- | | | |
|--------------------------------|---------------------------------|---------------------------------|
| 1 SCREW AN520-10R11.....4 | 8 SCREW MS35207-265.....2 | 16 NUT MS21044N06.....24 |
| 2 WASHER AN960-10L.....6 | 9 CLAMP MS21919WDG7.....2 | 17 WIRING HARNESS 9028009.....1 |
| 3 WASHER MS35338-43.....6 | 10 CLAMP MS21919WDG6.....1 | SEE FIGURE 171, NUMBER 17 |
| 4 CLAMP MS21919WDG8.....3 | 11 CLAMP MS21919WDG10.....2 | FOR DETAILS |
| 5 WIRING HARNESS 9028010.....1 | 12 NUT MS21044N3.....2 | 18 WIRING HARNESS 9019686.....1 |
| SEE FIGURE 171, NUMBER 18 | 13 WIRING HARNESS 9019684.....1 | SEE FIGURE 171, NUMBER 15 |
| FOR DETAILS | SEE FIGURE 171, NUMBER 13 | FOR DETAILS |
| 6 SCREW MS24693S271.....4 | 14 SCREW AN526-632R8.....24 | |
| 7 PANEL ASSEMBLY 9028082.....1 | 15 WASHER AN960-6L.....24 | |
| SEE FIGURE A7 FOR DETAILS | | |
- * COMPONENT OF ITEM 13

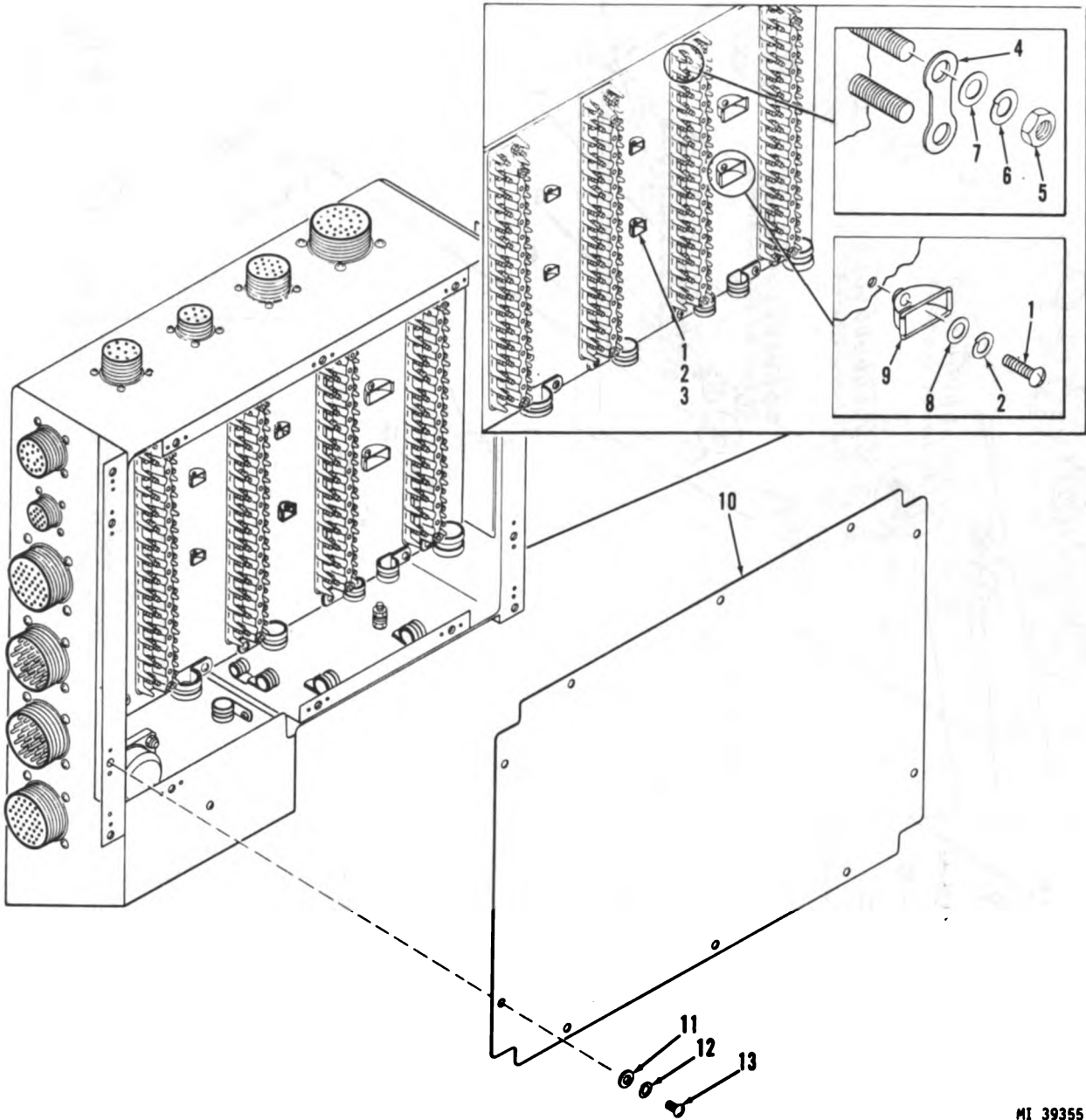
FIGURE 83. DISTRIBUTION BOX /9019677/



MI 39356

1	CLAMP MS21919WDG6.....	2	4	CLAMP MS21919WDG9.....	1	9	CLAMP MS21919WDG10.....	1
2	WIRING HARNESS 9028129.....	1	5	NUT MS35649-282.....	2	10	WASHER MS35330-42.....	0
	SEE FIGURE 171, NUMBER 29		6	WASHER MS35330-42.....	2	11	SCREW MS35206-246.....	0
	FOR DETAILS		7	WASHER AN960-8L.....	10	12	CLAMP MS21919WDG11.....	1
3	CLAMP MS21919WDG12.....	2	8	SCREW MS35206-246.....	1	13	CLAMP MS1397P20.....	1

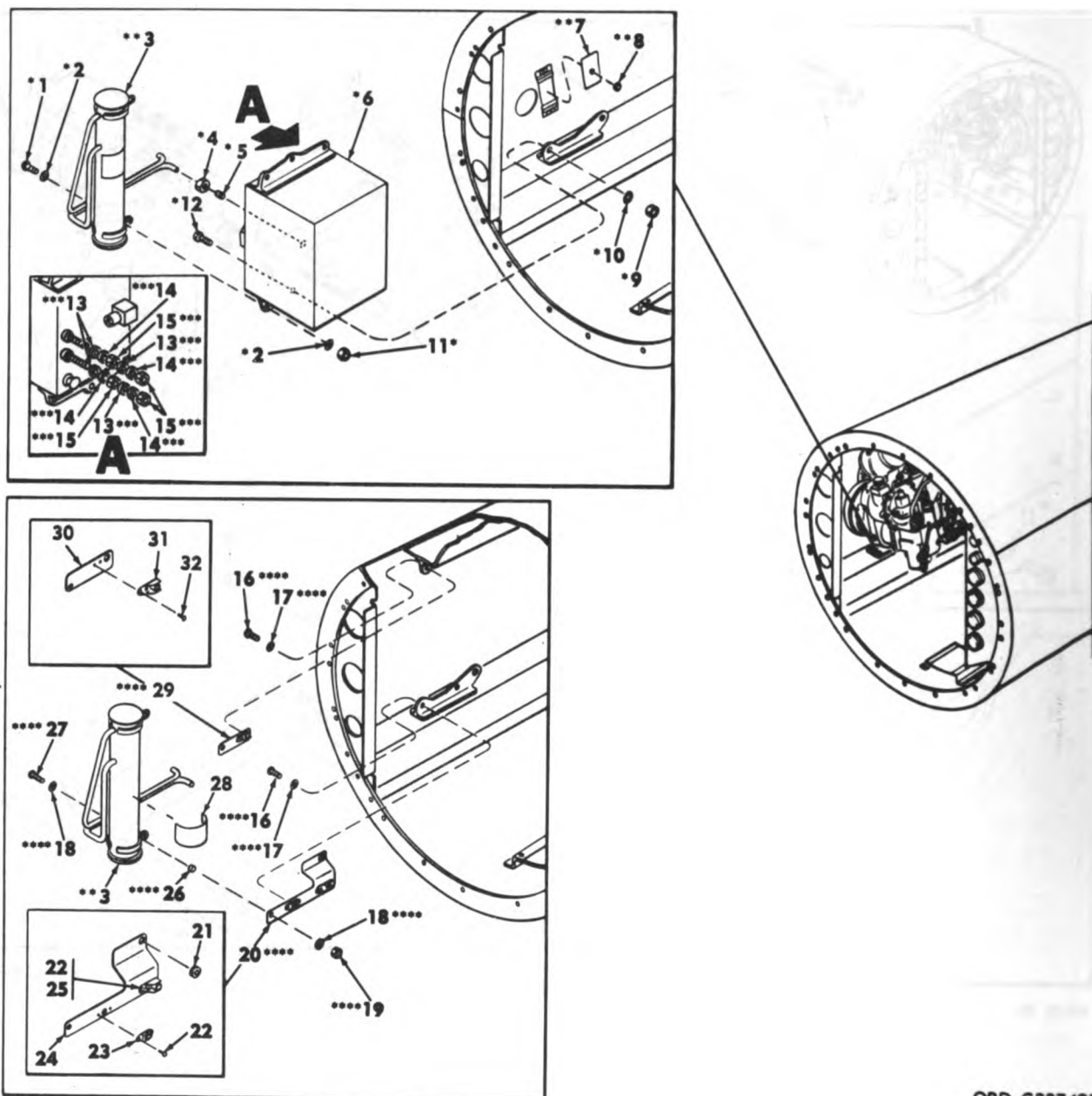
FIGURE 82. DISTRIBUTION BOX /9019677/



MI 39355

1	SCREW	MS35206-246.....6	6	WASHER	MS35338-41.....120	11	WASHER	AN960-10L.....10
2	WASHER	MS35338-42.....6	7	WASHER	53794.....120	12	WASHER	MS35338-43.....10
3	CRADLE	9156891-1.....4	8	WASHER	AN960-8L.....2	13	SCREW	MS35207-262.....10
4	LINK	8163860.....19	9	CRADLE	9156891-2.....2			
5	NUT	8537307.....120	10	COVER	9019871.....1			

FIGURE 81. DISTRIBUTION BOX /9019677/
/SEE FIGURE 76 FOR NEXT HIGHER ASSEMBLY/



ORD G337435

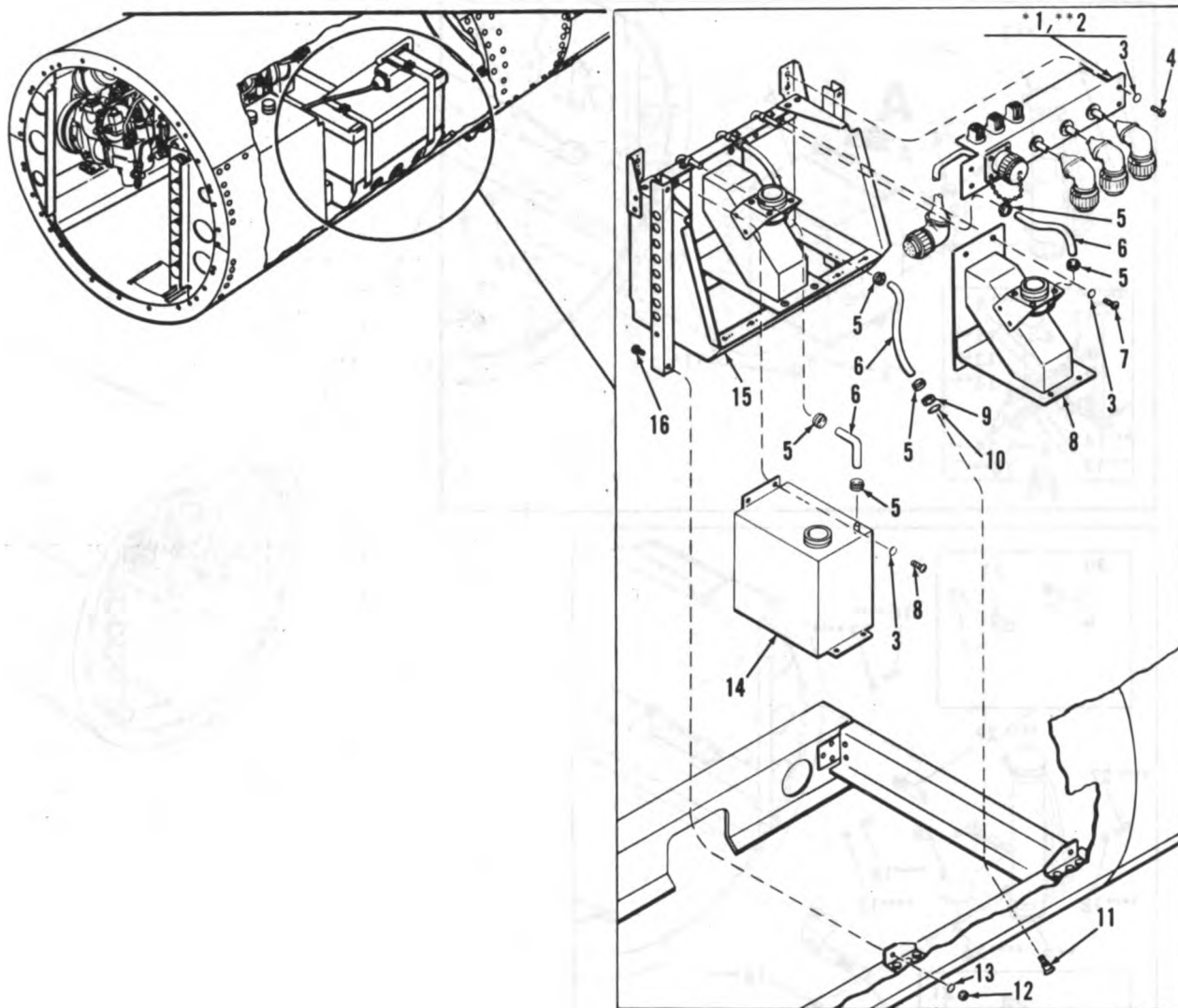
1	SCREW MS35207-264.....	2
2	WASHER AN960-10L.....	4
3	VENTILATOR ASSEMBLY 9020508.....	1
4	NUT MS39176-3.....	1
5	SLEEVE 9018468.....	1
6	BATTERY 8A485U.....	1
7	COVER 9020649.....	1
8	GROMMET 9020723.....	1
9	NUT MS21044N4.....	4
10	WASHER AN960-416.....	4
11	NUT MS21083N3.....	2
12	BOLT AN4CH10.....	4
13	WASHER MS45901-6.....	4
14	WASHER MS35338-102.....	4

15	NUT MS20341-516A.....	4
16	SCREW MS35207-282.....	3
17	WASHER AN960-416.....	3
18	WASHER AN960-10L.....	8
19	NUT MS21083N3.....	2
20	SUPPORT 9020955.....	1
21	GROMMET MS35489-6.....	1
22	RIVET MS20426AD3-5.....	4
23	NUT MS21059L4.....	1
24	SUPPORT 9020955-3.....	1
25	NUT MS21061L4.....	1
26	SPACER NAS43003-6.....	2
27	SCREW MS35207-264.....	2
28	PLATE 9020956.....	1
29	SUPPORT 9020954.....	1

30	SUPPORT 9020954-3.....	1
31	NUT MS21061L4.....	1
32	RIVET MS20426AD3-5.....	2

• FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
14965-15975
•• COMPONENT OF EQUIPMENT
INSTALLATION 9019935
••• COMPONENT OF ITEM 6
•••• FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
15976 AND UP

FIGURE 80. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



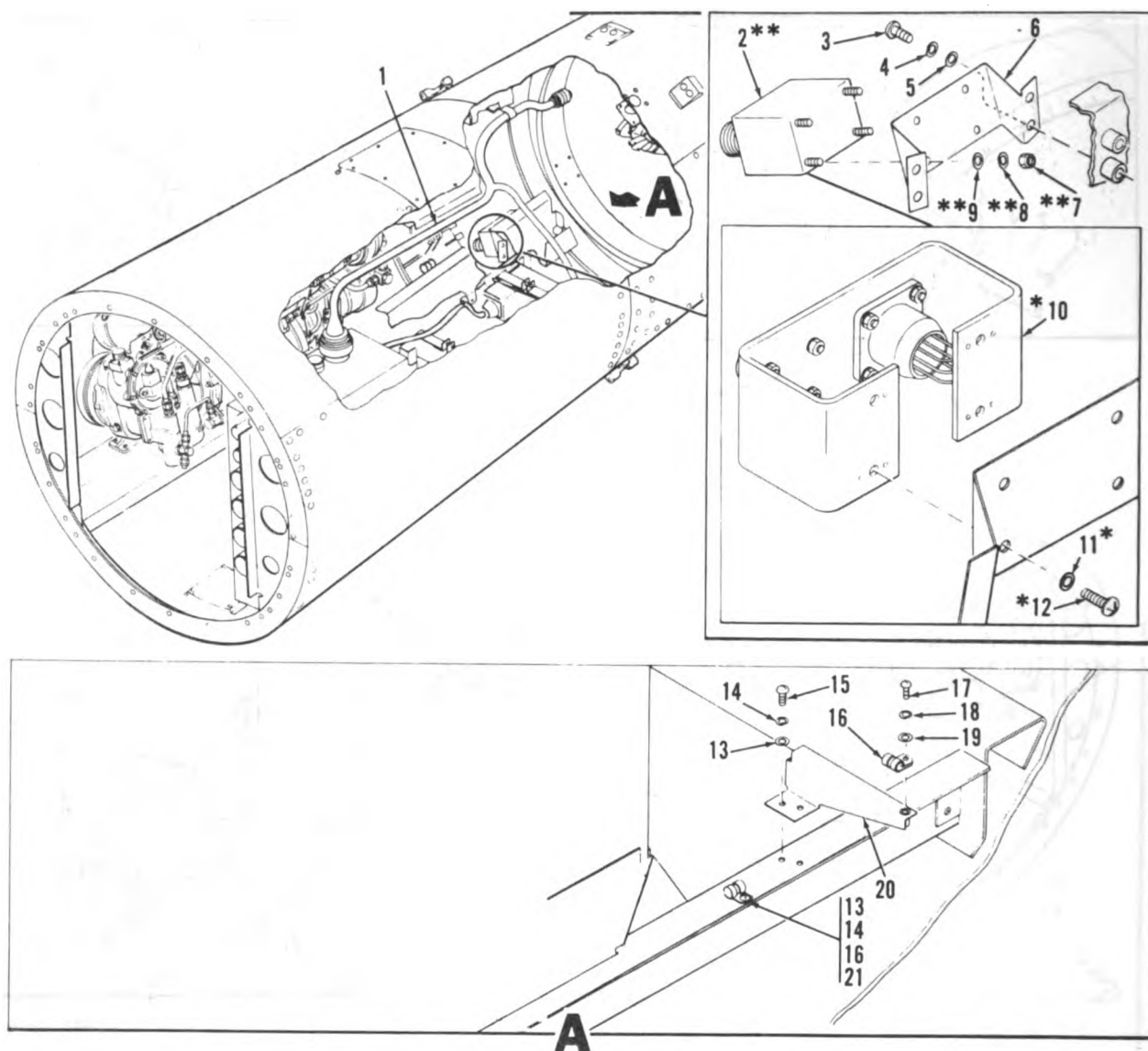
ORD G294742

- 1 PANEL 9019678.....1
SEE FIGURE 91 FOR DETAILS
2 PANEL 9978069.....1
SEE FIGURE 91 FOR DETAILS
3 WASHER AN960-10L.....16
4 SCREW MS35207-262.....4
5 CLAMP NAS397-8.....8
6 TUBING 8521830.....9
7 SCREW MS35276-264.....12
8 DUMMY 9019687.....2
SEE FIGURE 92 FOR DETAILS

- 9 NUT MS51968-5.....1
10 WASHER AN960-PD716.....1
11 BOLT 8002211.....1
12 NUT MS21083M3.....4
13 WASHER AN960-10.....4
14 BATTERY GAP4005G.....1
15 RACK 9019675.....1
SEE FIGURE 93 FOR DETAILS
16 BOLT AN3-5A.....4

- * FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
14965-16684
** FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
16685 AND UP

FIGURE 79. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



MI 39354

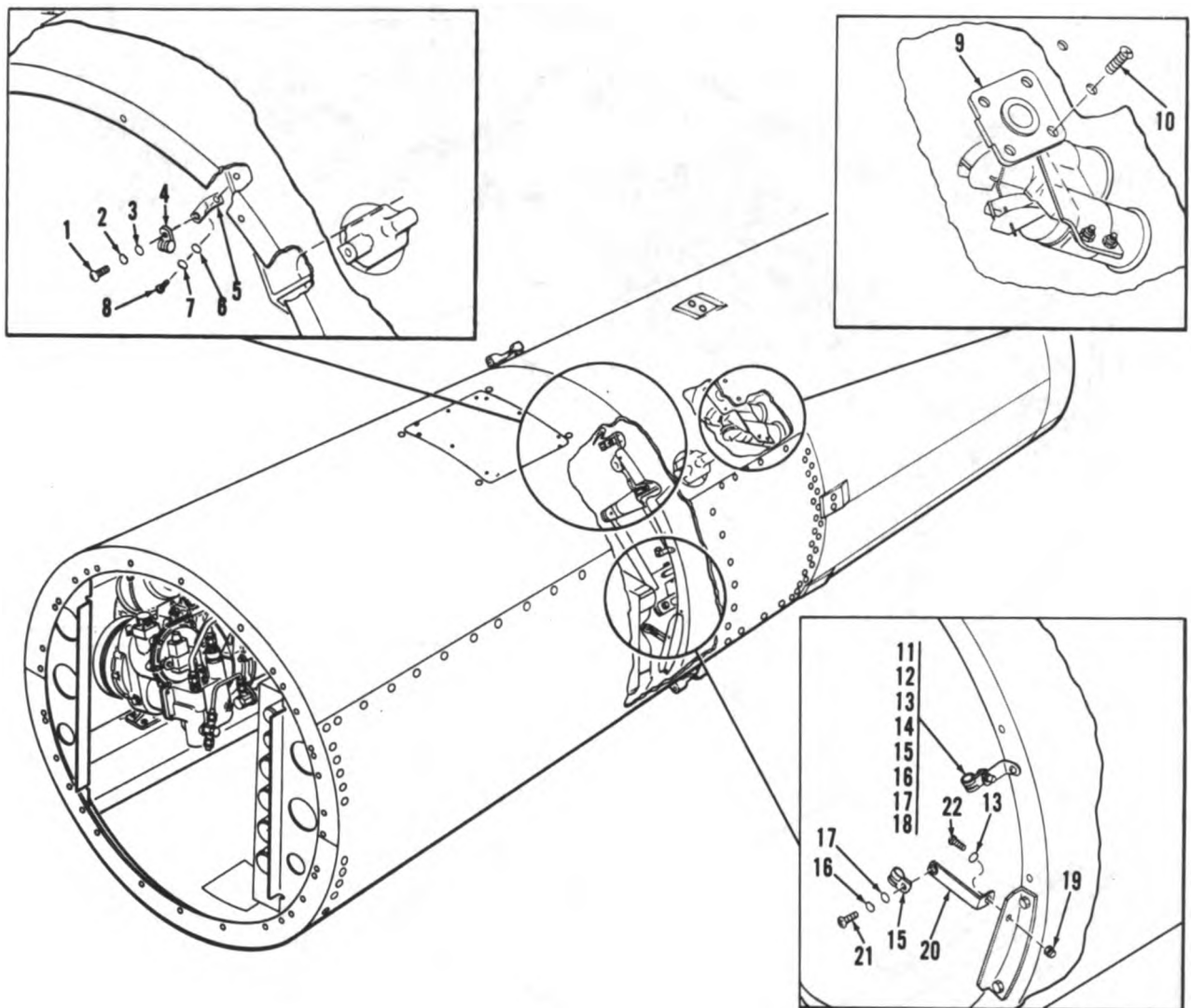
1 CABLE ASSEMBLY 9028001.....1
SEE FIGURE 171, NUMBER 11
FOR DETAILS
2 RELAY 9032324.....1
3 SCREW MS35207-264.....1
4 WASHER MS35338-43.....1
5 WASHER AN960-10L.....1
6 RETAINER 9032331.....1
7 NUT MS21044N08.....4
8 WASHER MS35338-42.....4
9 WASHER AN960-8L.....4

10 CONNECTOR ASSEMBLY
9978535.....1
SEE FIGURE 90 FOR DETAILS
11 WASHER AN960-8L.....4
12 SCREW MS51957-45.....4
13 WASHER MS35338-43.....3
14 WASHER AN960-10L.....3
15 SCREW MS35207-263.....2
16 CLAMP MS21919WDG8.....2
17 SCREW MS35206-246.....1
18 WASHER MS35338-42.....1

19 WASHER AN960-8L.....1
20 BRACKET 9028124.....1
21 SCREW MS35207-262.....1

• FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
17027 AND UP
•• FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
14965-17026

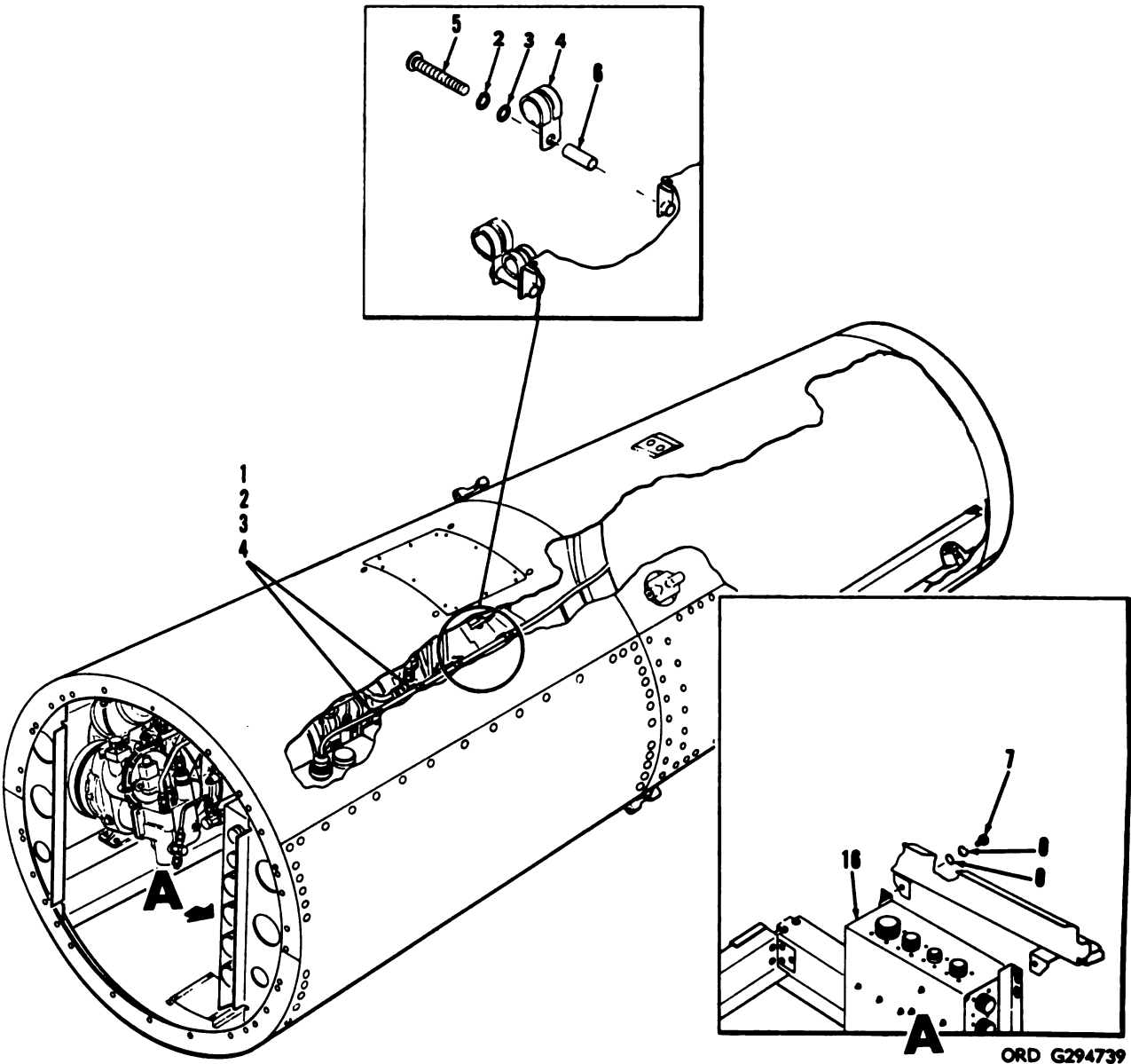
FIGURE 78. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G336857

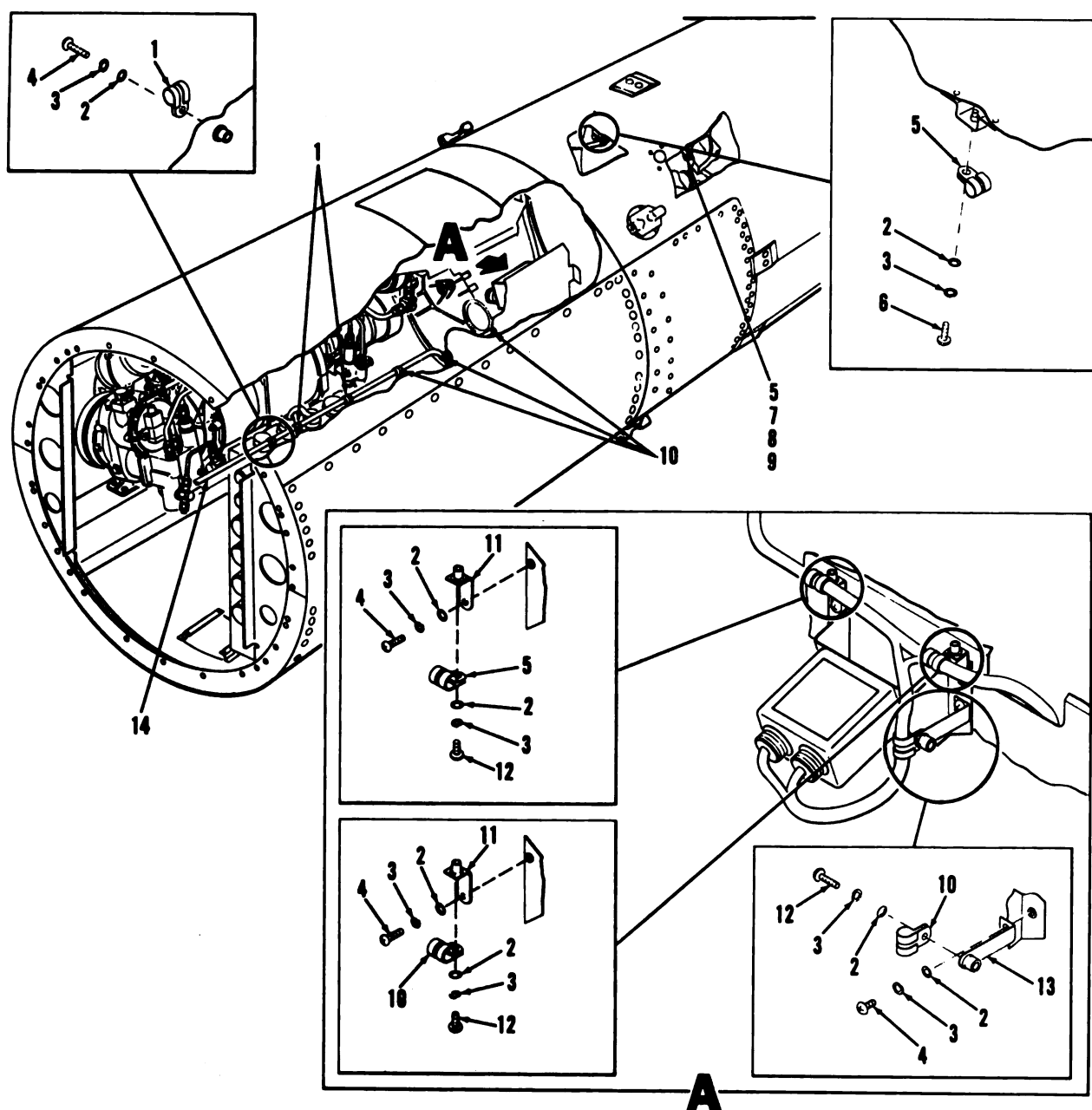
1	SCREW MS35207-264.....1	9	BATTERY ASSEMBLY 9031082....1	16	WASHER MS35338-43.....2
2	WASHER MS35338-43.....1		SEE FIGURE 89 FOR DETAILS	17	WASHER AN960-10L.....2
3	WASHER AN960-10L.....1	10	SCREW MS24694551.....4	18	SCREW MS35207-264.....1
4	CLAMP MS21919WDG6.....1	11	BRACKET 9024059.....1	19	NUT MS21083M04.....1
5	BRACKET 9028059.....1	12	SCREW MS35206-244.....1	20	BRACKET 9028312.....1
6	WASHER AN960-8L.....1	13	WASHER AN960-8L.....2	21	SCREW MS35207-264.....1
7	WASHER MS35338-42.....1	14	WASHER MS35338-42.....1	22	SCREW MS35206-245.....1
8	SCREW MS35206-244.....1	15	CLAMP MS21919WDG8.....2		

FIGURE 77. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



- | | | | | | |
|---|--------------------------|---|---------------------------|----|--------------------------------|
| 1 | SCREW MS35207-265.....2 | 5 | SCREW MS35207-265.....2 | 9 | WASHER AN960-10L.....4 |
| 2 | WASHER MS35338-43.....4 | 6 | BUSHING NAS43003-44.....2 | 10 | DISTRIBUTION BOX 9019677.....1 |
| 3 | WASHER AN960-10L.....4 | 7 | BOLT AN3-4A.....4 | | SEE FIGURE 81 FOR DETAILS |
| 4 | CLAMP MS21919WDG10.....4 | 8 | WASHER MS35338-43.....4 | | |

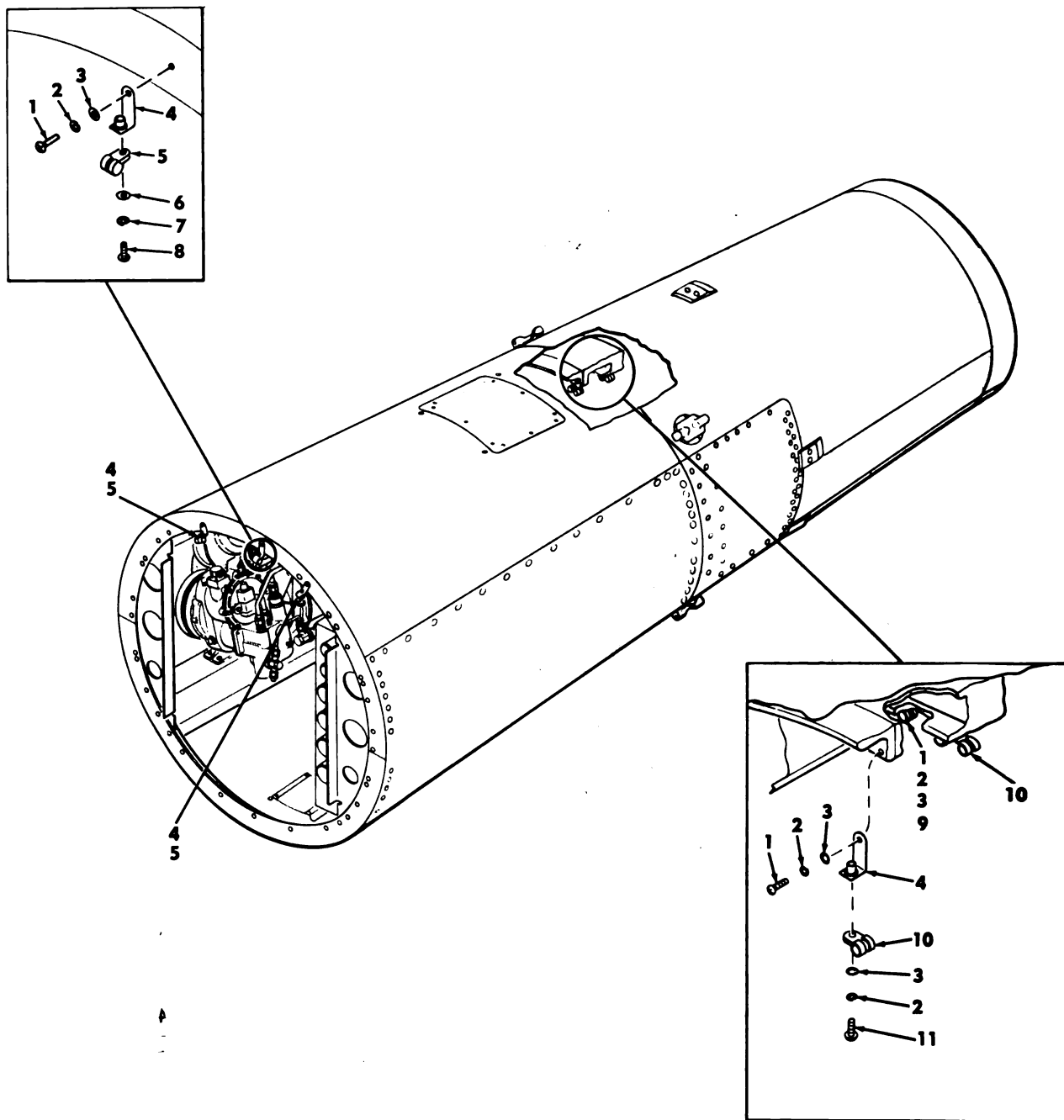
FIGURE 76. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G336856

1 CLAMP MS21919WDG5.....3	7 SCREW MS35206-244.....1	13 BRACKET 9028081.....1
2 WASHER AN960-10L.....13	8 WASHER MS35338-42.....1	14 CABLE ASSEMBLY 9028003.....1
3 WASHER MS35338-43.....13	9 WASHER AN960-8L.....1	SEE FIGURE 171, NUMBER 9
4 SCREW MS35207-264.....9	10 CLAMP MS21919WDG7.....5	FOR DETAILS
5 CLAMP MS21919WDG4.....3	11 BRACKET 9028087.....2	
6 SCREW MS35207-264.....1	12 SCREW MS35207-262.....3	

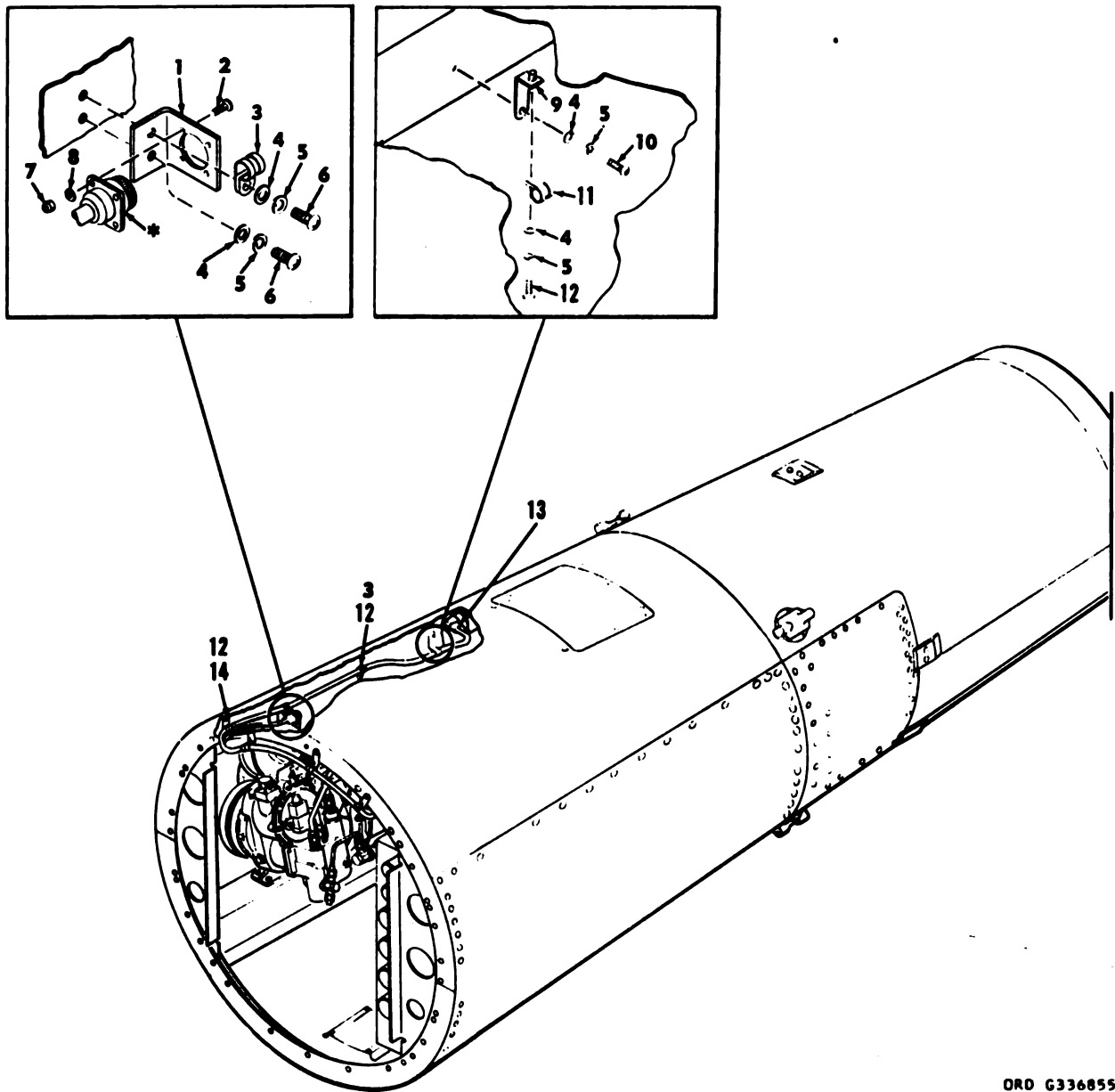
FIGURE 75. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G294737

1	SCREW	MS35206-244.....5	5	CLAMP	MS21919WDG7.....3	9	CLAMP	MS21919WDG6.....1
2	WASHER	MS35338-42.....7	6	WASHER	AN960-10L.....3	10	CLAMP	MS21919WDG4.....2
3	WASHER	AN960-8L.....7	7	WASHER	MS35338-43.....3	11	SCREW	MS35206-245.....2
4	BRACKET	9028059.....4	8	SCREW	MS35207-264.....3			

FIGURE 74. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/

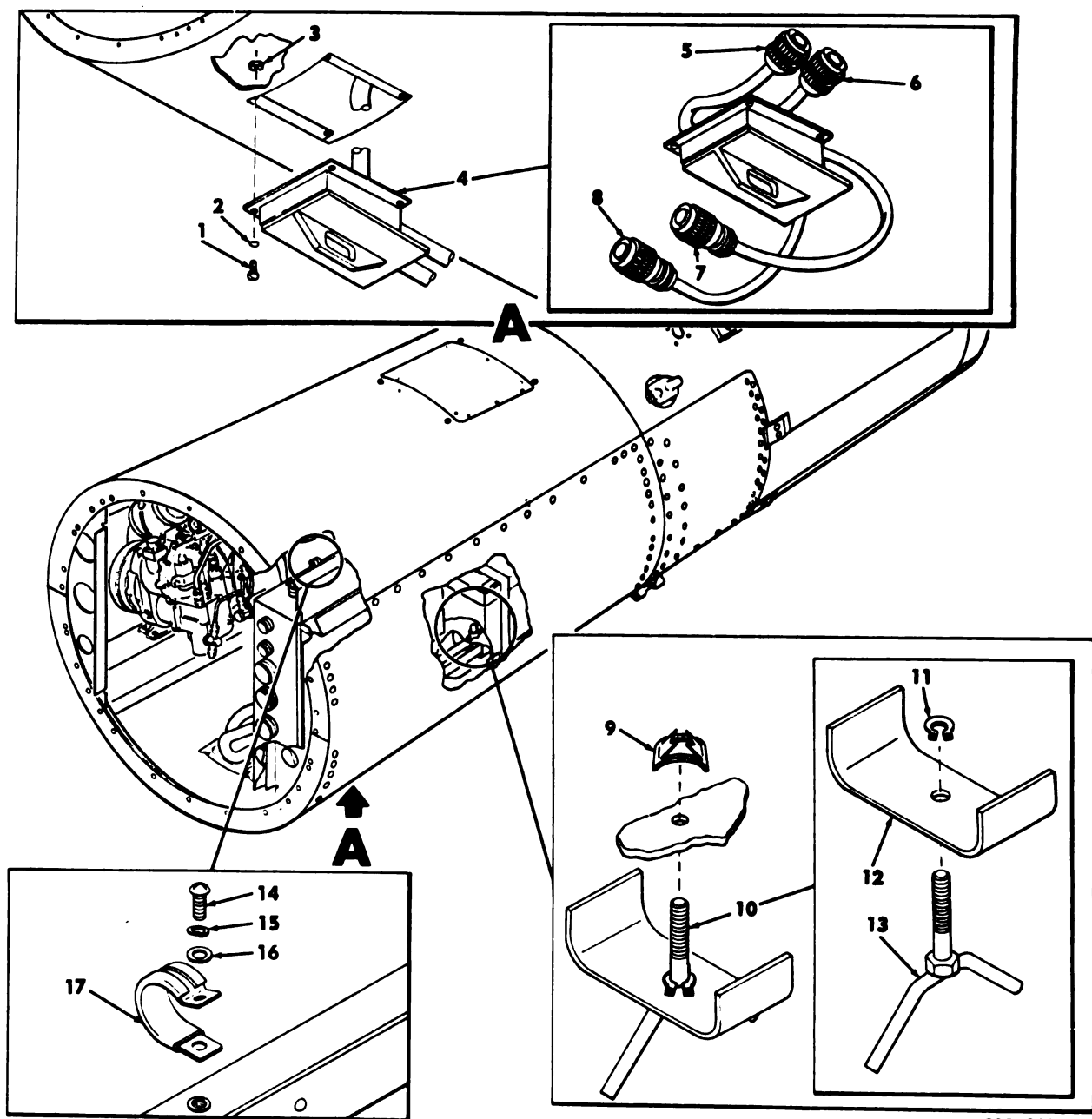


ORD G336855

1	BRACKET 9028407.....1	9	BRACKET 9028087.....1	14	CLAMP MS21919WDG7.....1
2	SCREW MS35206-214.....4	10	SCRFW MS35207-263.....1		
3	CLAMP MS21919WDG6.....2	11	CLAMP MS21919WDG10.....1		
4	WASHER AN960-10L.....6	12	SCREW MS35207-262.....3		
5	WASHER MS35338-43.....6	13	WIRING HARNESS 9028408.....1		
6	SCREW MS35207-266.....2		SEE FIGURE 171, NUMBER 23		
7	NUT MS21044N04.....4		FOR DETAILS		
8	WASHER MS27183-4.....4				

* COMPONENT OF ITEM 13

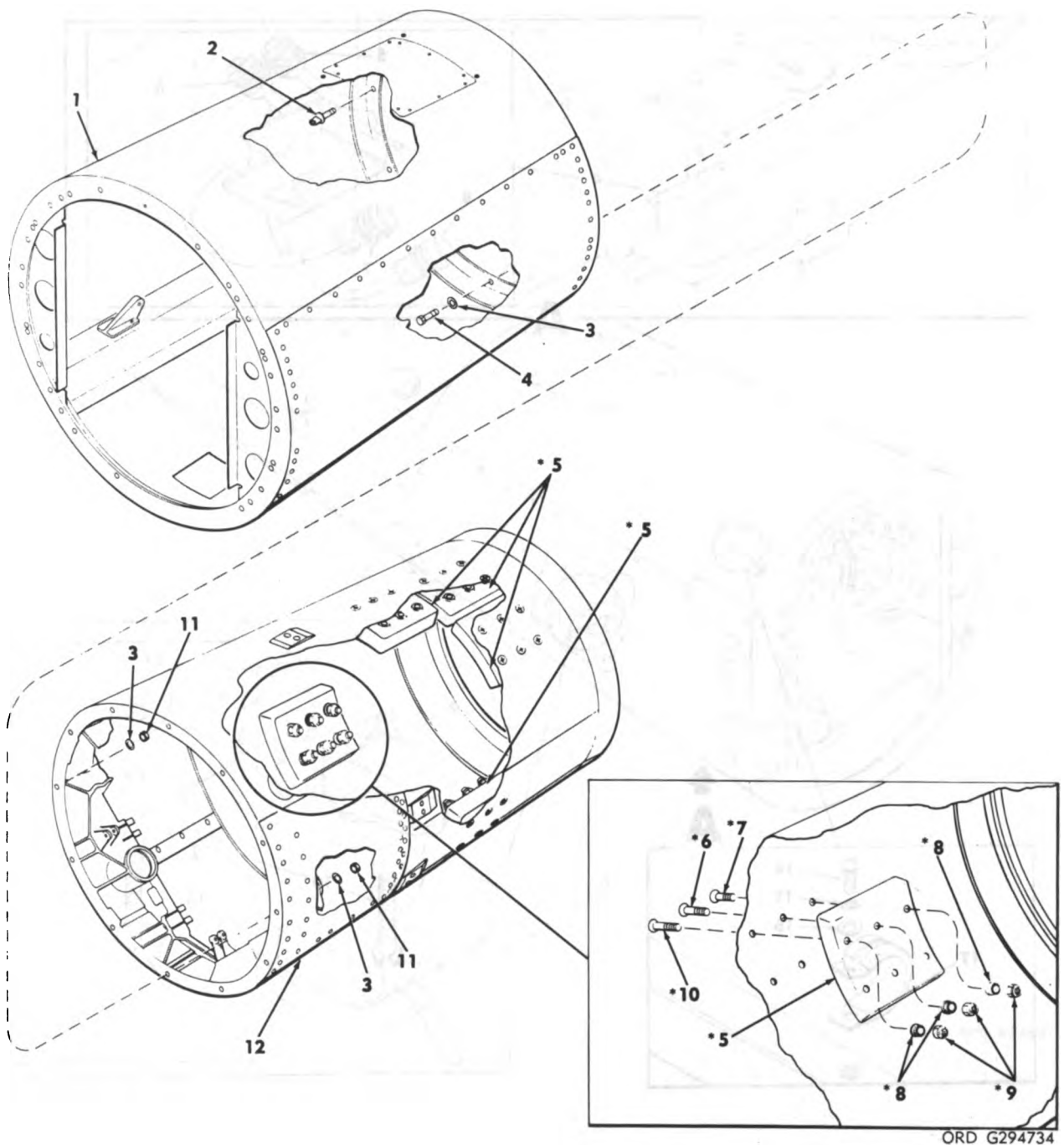
FIGURE 73. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD 6336854

1 SCREW AN502-10-12.....4	7 CONNECTOR 9018811.....1	13 THUMBSCREW 8522070.....1
2 WASHER MS35338-43.....4	8 CONNECTOR 9018793.....1	14 SCREW MS35207-264.....1
3 NUT MS27130-21K.....4	9 NUT 8527202.....1	15 WASHER MS35338-43.....1
4 CABLE ASSMRLY 8524664.....1	10 CLAMP 8522071.....1	16 WASHER AN960-10L.....1
5 CONNECTOR 9018810.....1	11 RING 9020593.....1	17 CLAMP MS21919WDG7.....1
6 CONNECTOR 9018792.....1	12 STRAP 8522069.....1	

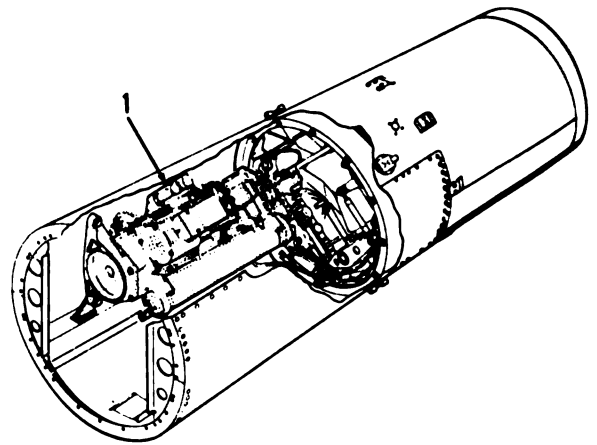
FIGURE 72. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/
/SEE FIGURE 68 FOR NEXT HIGHER ASSEMBLY/



1 BODY SECTION 9019698.....1 SEE FIGURE 122 FOR DETAILS	6 SCREW AN509-416R38.....10	12 STRUCTURE ASSEMBLY MS22196.....1 SEE FIGURE 124 FOR DETAILS
2 BOLT AN46-14.....1	7 SCREW MS24694S122.....10	
3 WASHER AN960-616L.....23	8 WASHER 9018239.....30	
4 BOLT AN6-13A.....11	9 NUT 9026523.....30	
5 WEIGHT 9028080.....5	10 SCREW MS24694S131.....10	
	11 NUT MS21042L6.....12	

* FOR SERIAL NO. 15406 AND UP

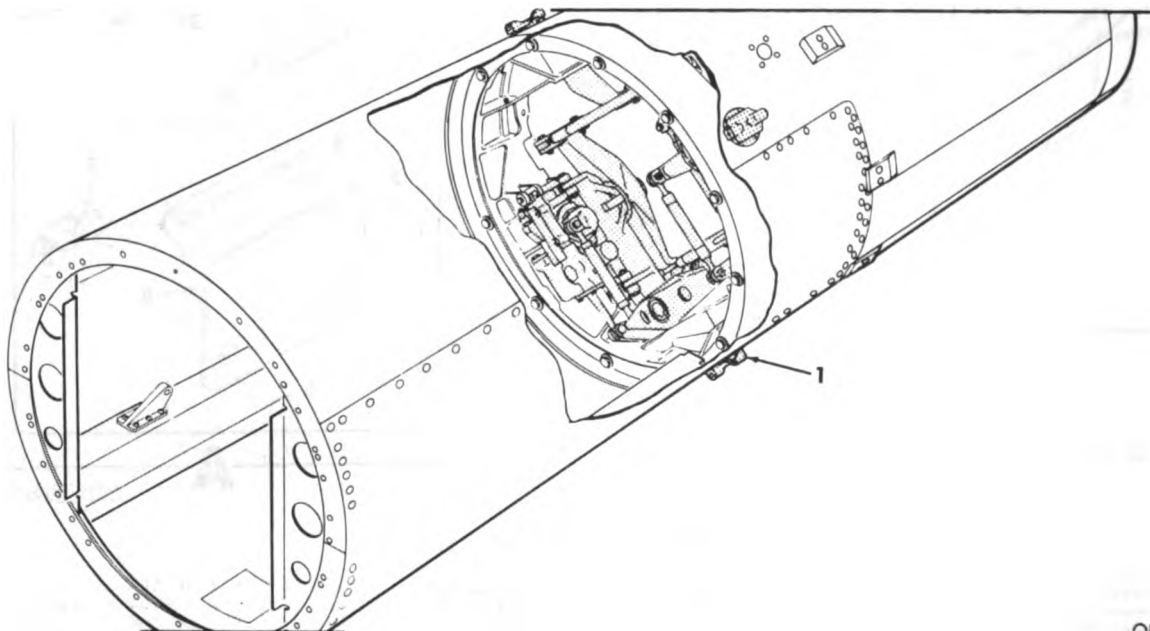
FIGURE 71. BODY SECTION, GUIDED MISSILE /8521098/



ORD G294732

1 SYSTEM INSTALLATION
9020507.....1
SEE FIGURE 94 FOR DETAILS

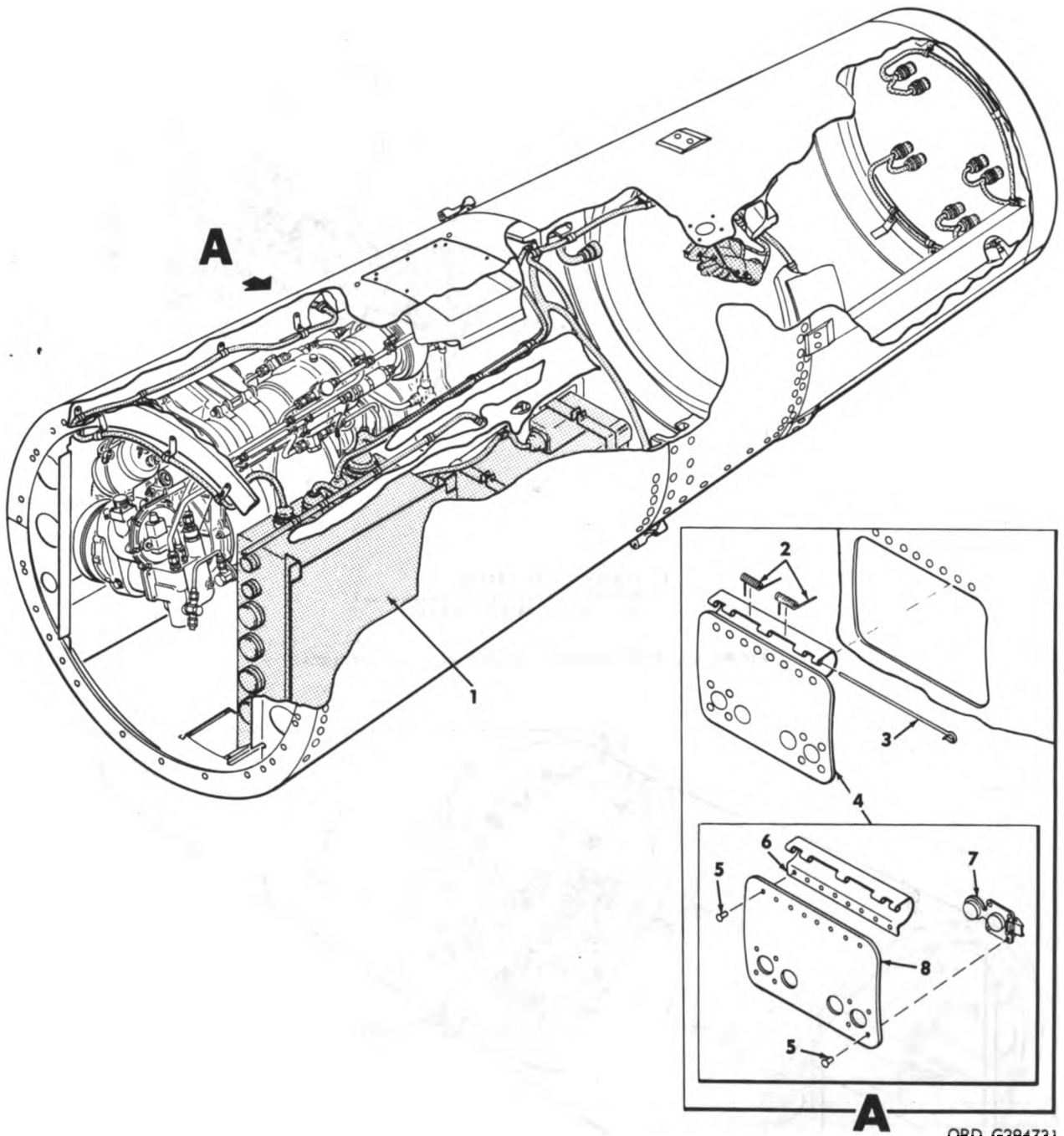
FIGURE 69. BODY SECTION, GUIDED MISSILE /8521098/



ORD G294733

1 MECHANISM INSTALLATION
8524285.....1
SEE FIGURE 113 FOR DETAILS

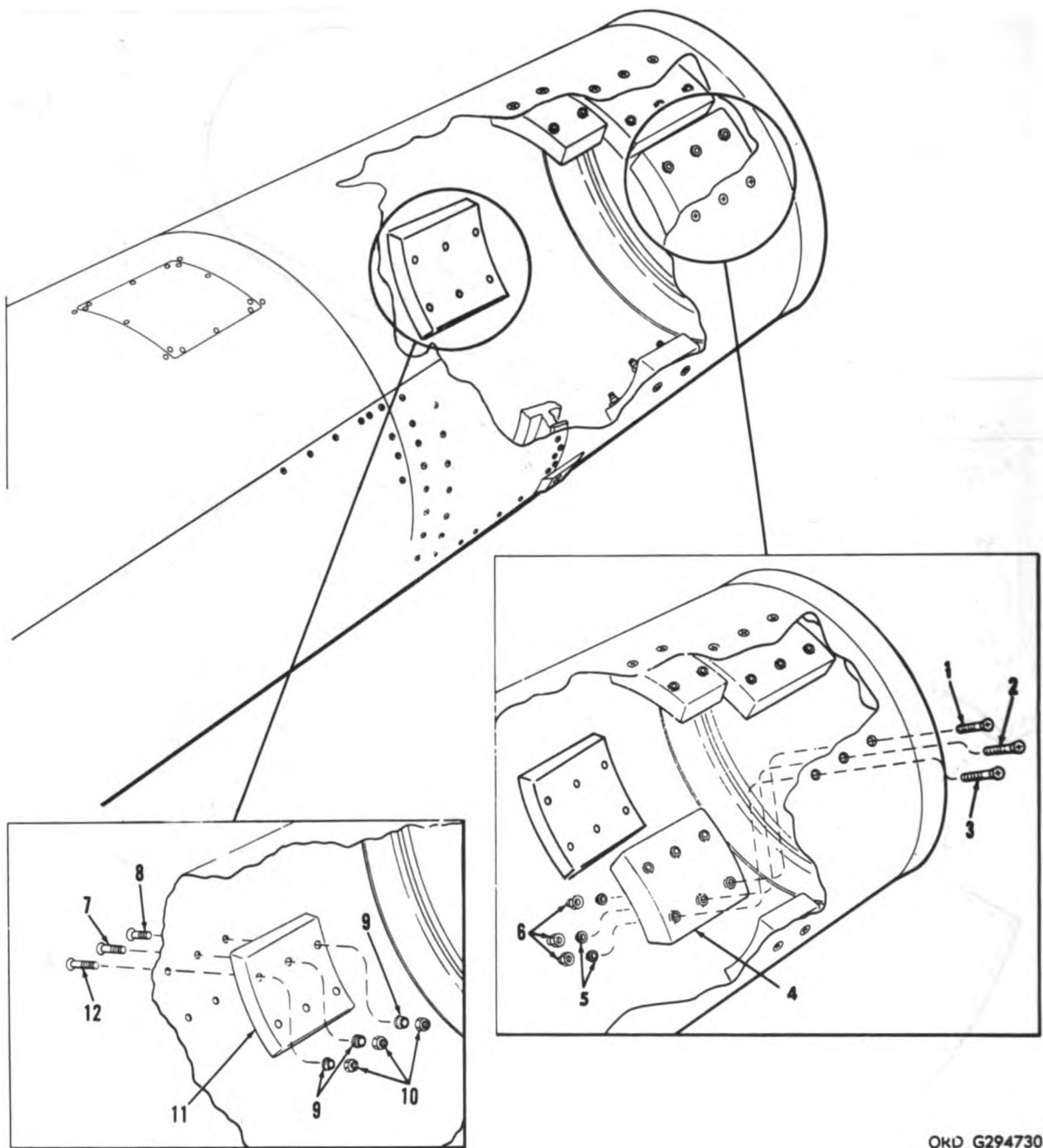
FIGURE 70. BODY SECTION, GUIDED MISSILE /8521098/



ORD G294731

- 1 EQUIPMENT INSTALLATION
9019935.....1
SEE FIGURE 72 FOR DETAILS
- 2 HINGE 9028419.....2
- 3 PIN 9028113.....1
- 4 COVER 9028077.....1
- 5 RIVET MS20426AD4-6.....16
- 6 HINGE HALF 9028062.....1
- 7 CATCH 8528772.....2
- 8 DOOR 9028061.....1

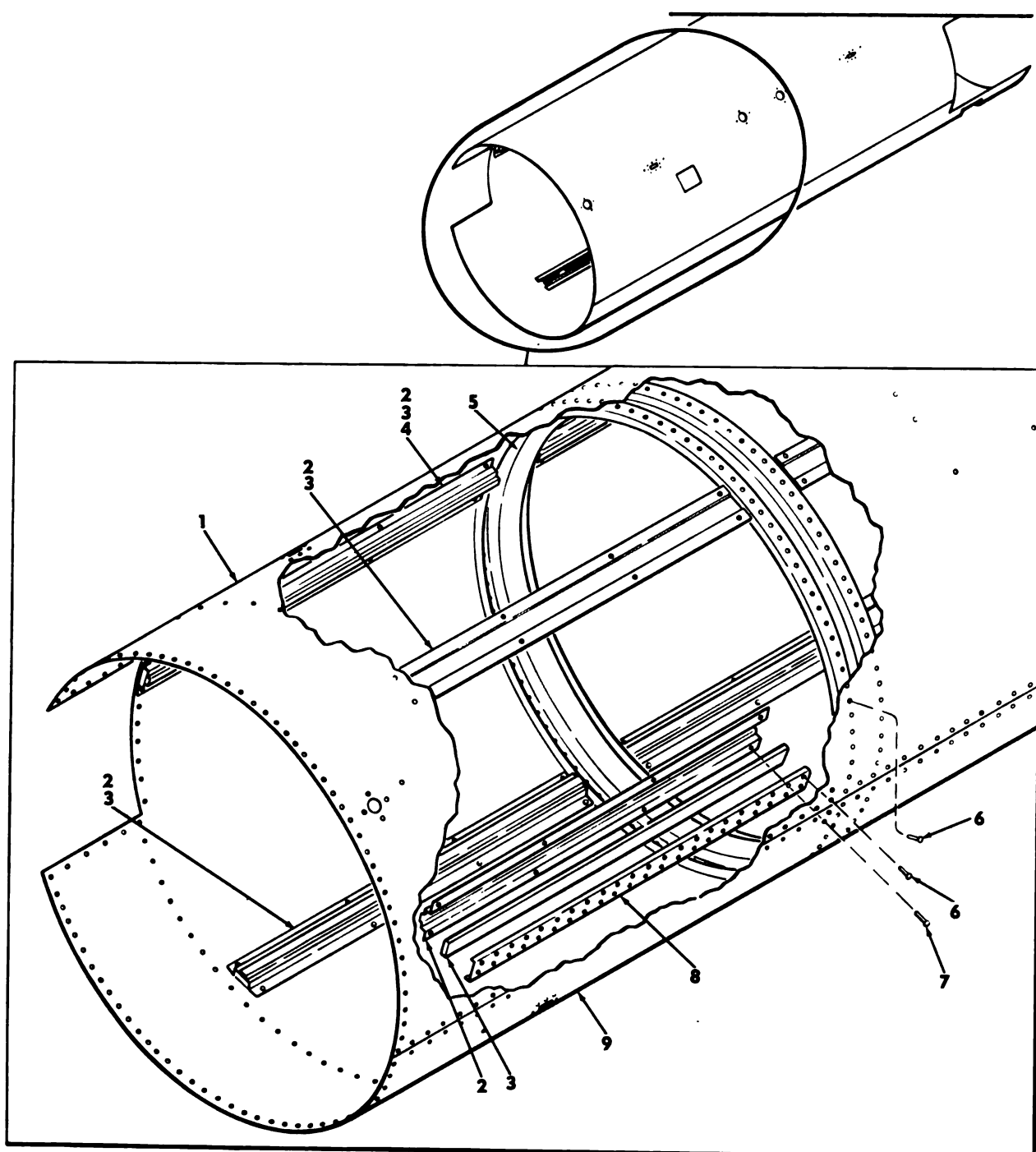
FIGURE 68. BODY SECTION, GUIDED MISSILE /8521098/
/SEE FIGURE 49 FOR NEXT HIGHER ASSEMBLY/



OKD G294730

1	SCREW	MS24694S122.....4	5	WASHER	9018239.....12	9	WASHER	9018239.....18
2	SCREW	MS24694S125.....4	6	NUT	9026523.....12	10	NUT	9026523.....18
3	SCREW	MS24694S131.....4	7	SCREW	MS24694S125.....6	11	WEIGHT	9028080.....3
4	WEIGHT	9028080.....2	8	SCREW	MS24694S122.....6	12	SCREW	MS24694S131.....6

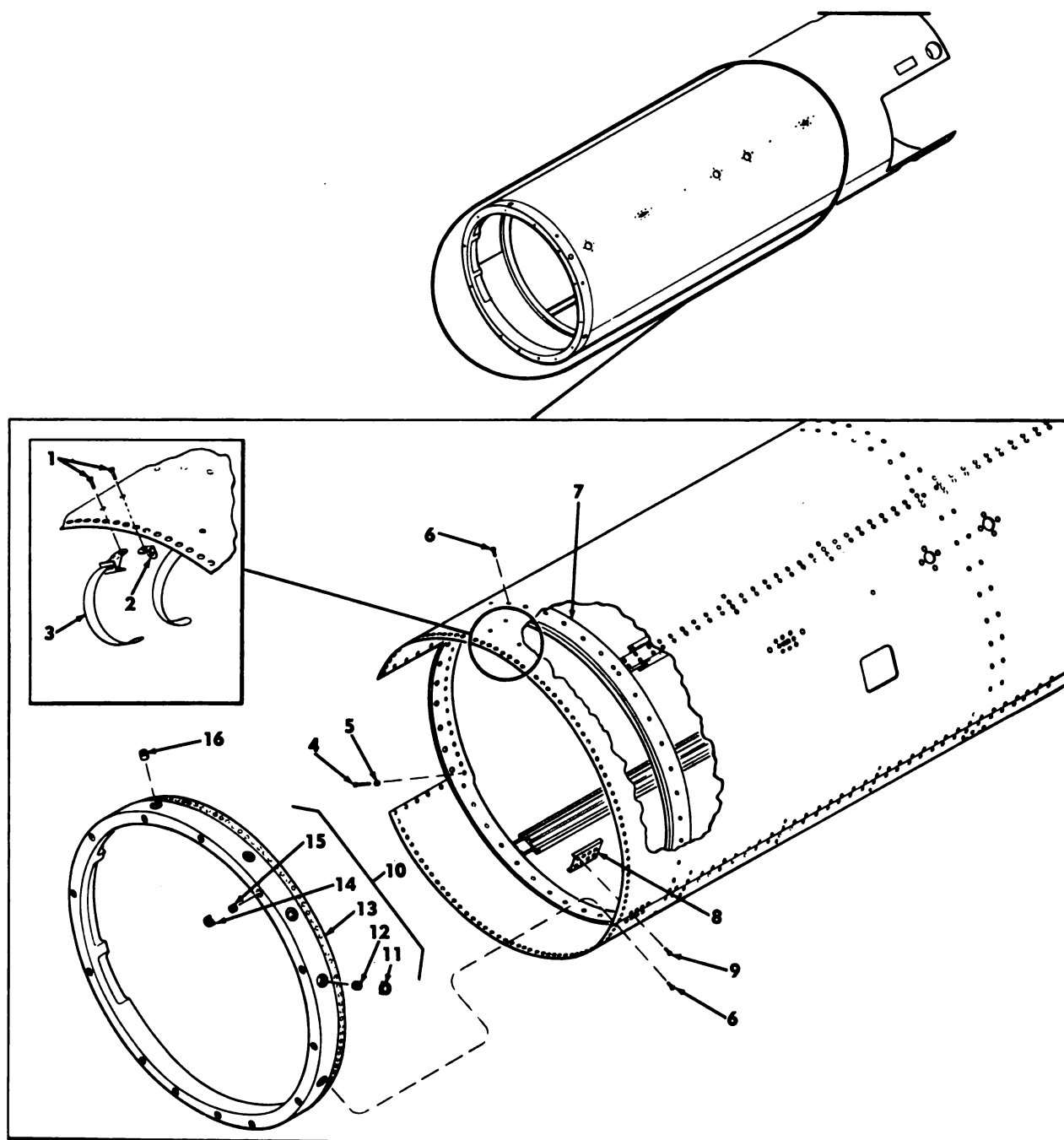
FIGURE 67. BALLAST INSTALLATION, GUIDED MISSILE /9028251/
/SEE FIGURE 49 FOR NEXT HIGHER ASSEMBLY/



ORD G336853

1 SKIN 8524256-45.....1	6 RIVET MS20426AD6-9.....184
2 MAT 9030264.....4	7 RIVET MS2042684-7.....32
3 INSULATOR 9032380.....4	8 SPLICE 8524256-23.....1
4 SPLICE 8524256-21.....1	9 SKIN 8524256-63.....1
5 FRAME ASSEMBLY 8523842.....1	

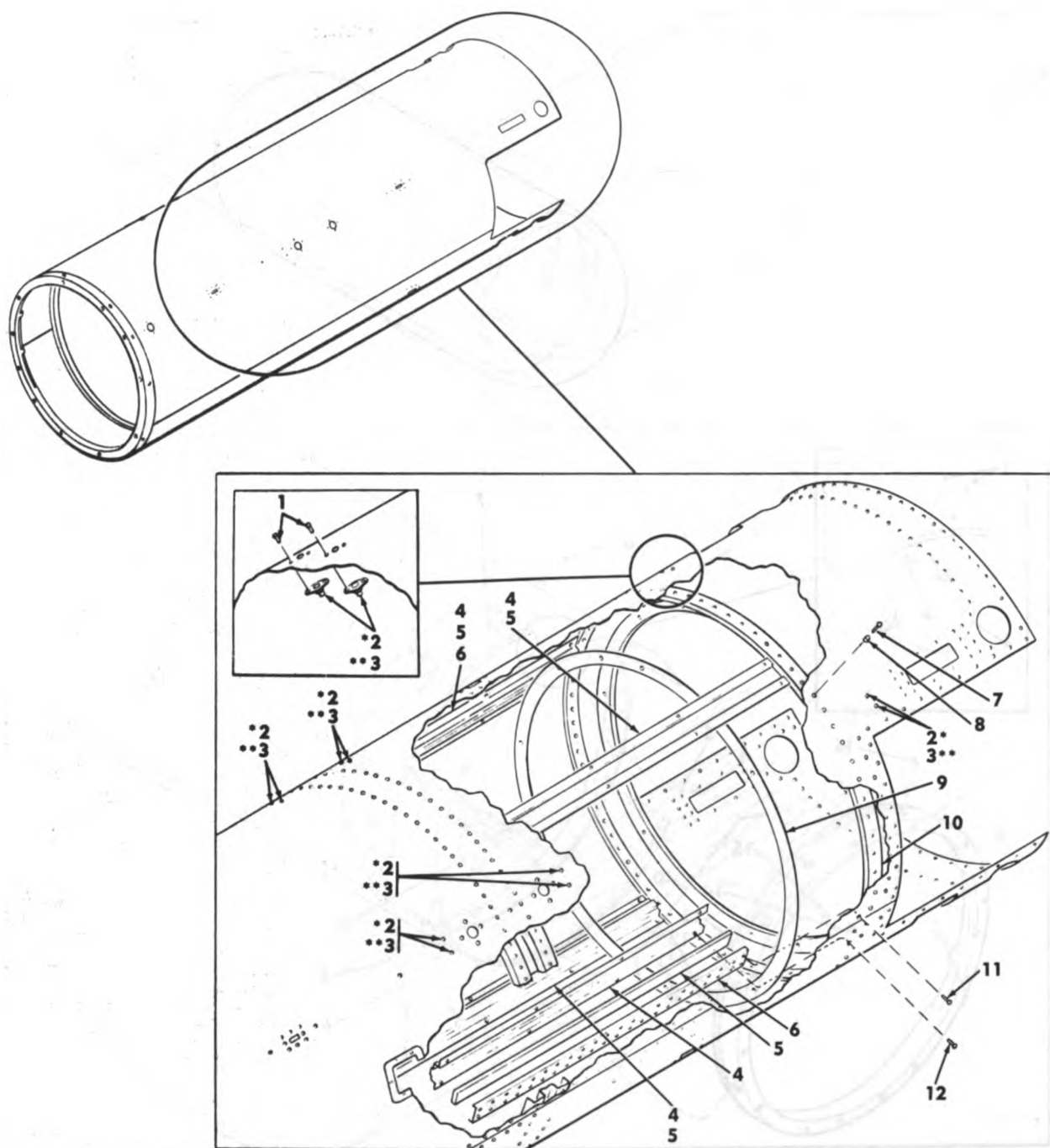
FIGURE 66. BODY SECTION, GUIDED MISSILE /8521053/



ORD 6336852

1 RIVET MS20426AD6-7.....3	7 FRAME 9032645.....1	13 FRAME 8523840-5.....1
2 BRACKET AN743-12.....1	8 SPLICE 8524256-25.....1	14 RING 10606512-3.....13
3 STRAP 9026144.....2	9 RIVET MS20426AD6-9.....8	15 INSERT 9018457.....13
4 PIN NAS1518-6.....15	10 FRAME ASSEMBLY 8521055.....1	16 SETSCREW MS51023-95.....8
5 COLLAR NAS108078.....15	11 RING 9018928.....8	
6 RIVET MS20426AD6-12.....132	12 INSERT 9020617.....8	

FIGURE 65. BODY SECTION, GUIDED MISSILE /8521053/

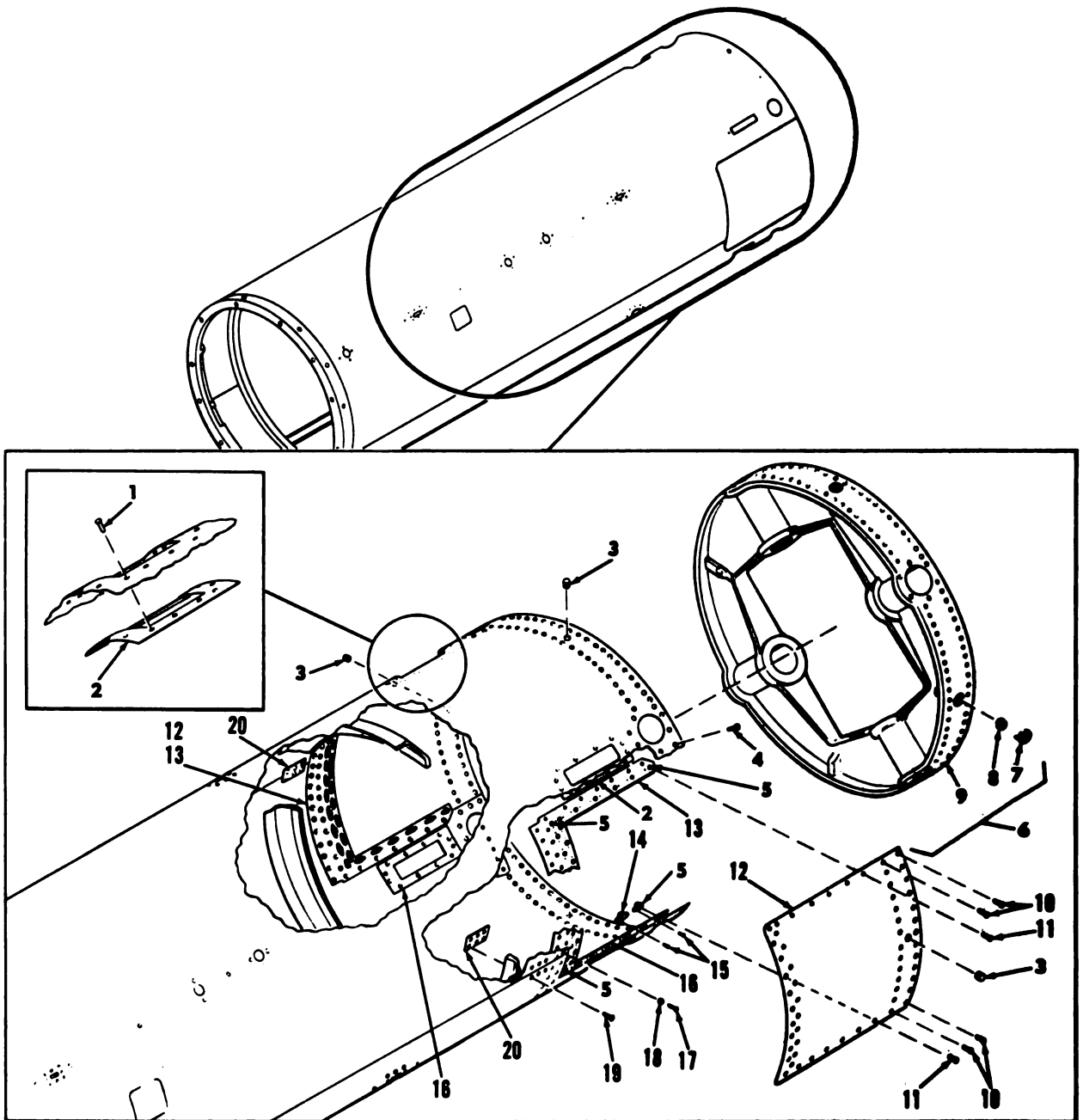


ORD G336851

1 RIVET MS20426AD3-4.....24	7 PIN NAS1518-9.....88
2 NUT 9062794.....12	8 COLLAR NAS1080D8.....88
3 NUT NAS133053K8166.....12	9 INSULATION RING 9032034.....1
4 HAT 9030623.....4	10 FRAME 8523843.....1
5 INSULATOR 9032960.....4	11 RIVET MS20426AD6-9.....80
6 SPLICE 8524246-19.....2	12 RIVET MS20426B4-7.....32

* FOR SERIAL NO. 14965-18438
 ** FOR SERIAL NO. 18439 AND UP

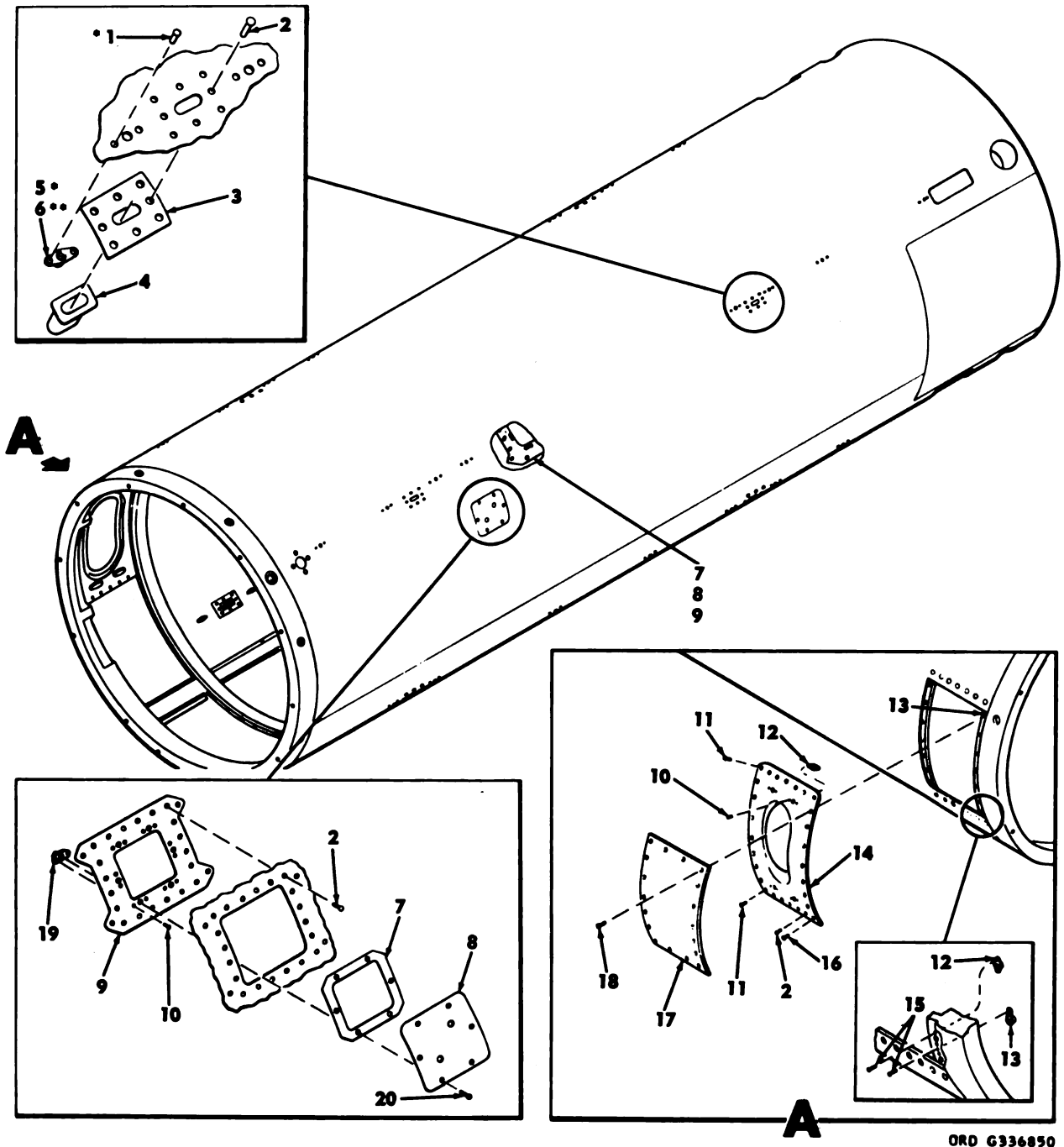
FIGURE 64. BODY SECTION, GUIDED MISSILE /A521093/



ORD G294726

1 RIVET MS20426AD6-9.....60	8 INSERT 9020611.....4	15 RIVET MS20426AD3-4.....140
2 DOUBLER 8524256-29.....2	9 FRAME 9032797-3.....1	16 DOUBLER 8524256-61.....2
3 PLUG 9978716.....4	10 SCREW 9028322.....94	17 PIN NAS1918-4.....80
4 SCREW MS24694S95.....102	11 SCREW 8524218.....70	18 COLLAR NAS1889008.....80
5 NUT MS21080-4.....8	12 COVER 9032258.....2	19 RIVET MS20426AD4-6.....12
6 FRAME ASSEMBLY 9032797.....1	13 DOUBLER 8524256-33.....2	20 PLATE 8524256-37.....1
7 RING 9020583.....4	14 NUT MS21078-4.....62	

FIGURE 63. BODY SECTION, GUIDED MISSILE /8521053/

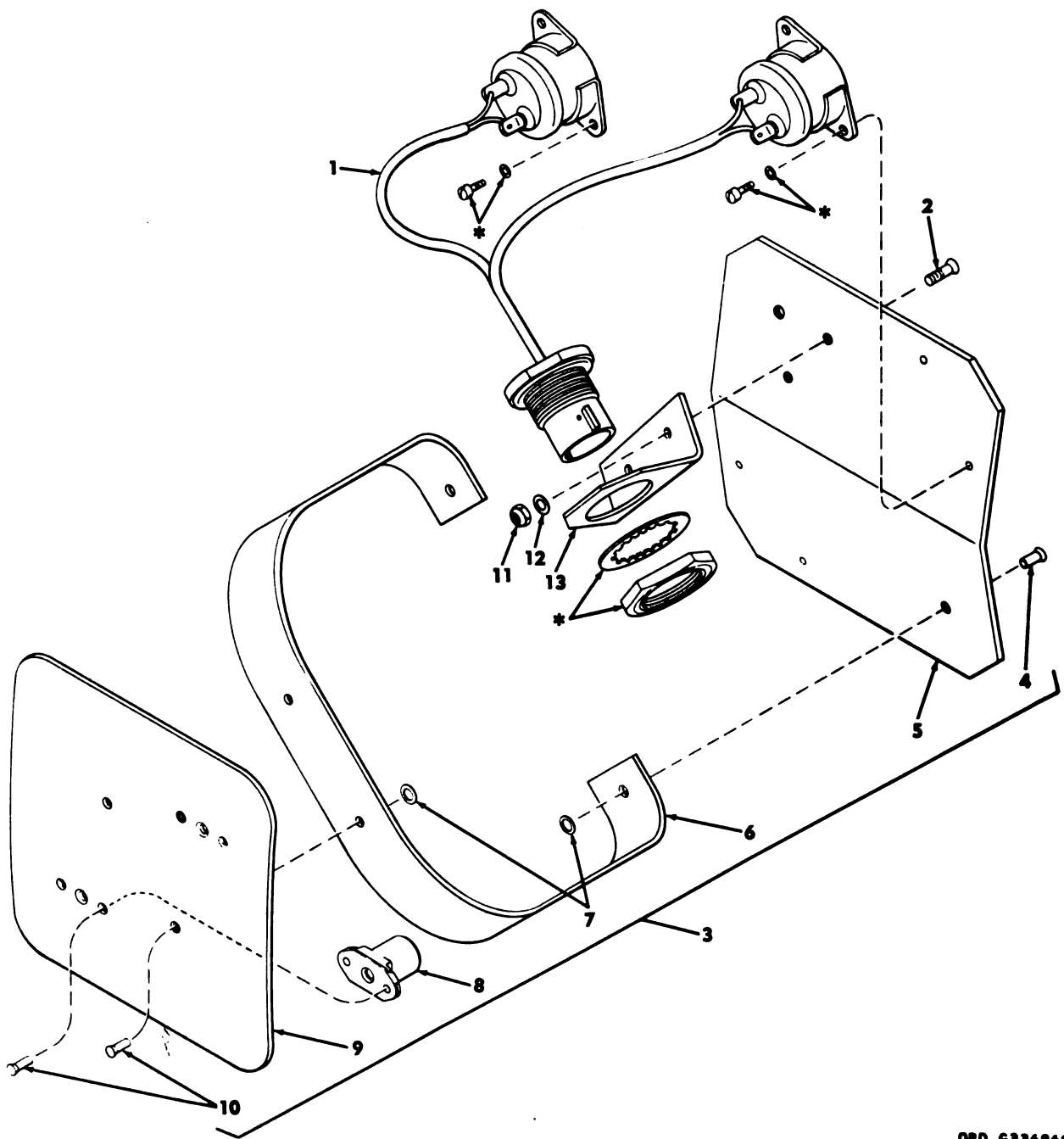


ORD G336850

1 RIVET MS20426AD3-6.....60	9 DOUBLER A524256-51.....2	17 COVER 9019638.....1
2 RIVET MS20426AD6-9.....122	10 RIVET MS20426AD3-6.....32	18 SCREW 9028458.....18
3 DOUBLER 8524256-15.....8	11 SCREW MS24694S49.....2	19 NUT MS21059L3.....12
4 BOOT 8521069.....8	12 NUT MS21047L4.....9	20 SCREW MS24694S51.....12
5 NUT 9026134.....30	13 NUT MS21051L4.....2	
6 NUT NAS1330508K8161.....30	14 DOUBLER A524256-57.....1	
7 GASKET 9032023.....2	15 RIVET MS20426AD3-9.....14	
8 DOOR 9032821.....2	16 RIVET MS20426AD6-12.....2	

* FOR SERIAL NO. 14965-18438
 ** FOR SERIAL NO. 18439 AND UP

FIGURE 62. BODY SECTION, GUIDED MISSILE /8521053/
 /SEE FIGURE 54 FOR NEXT HIGHER ASSEMBLY/

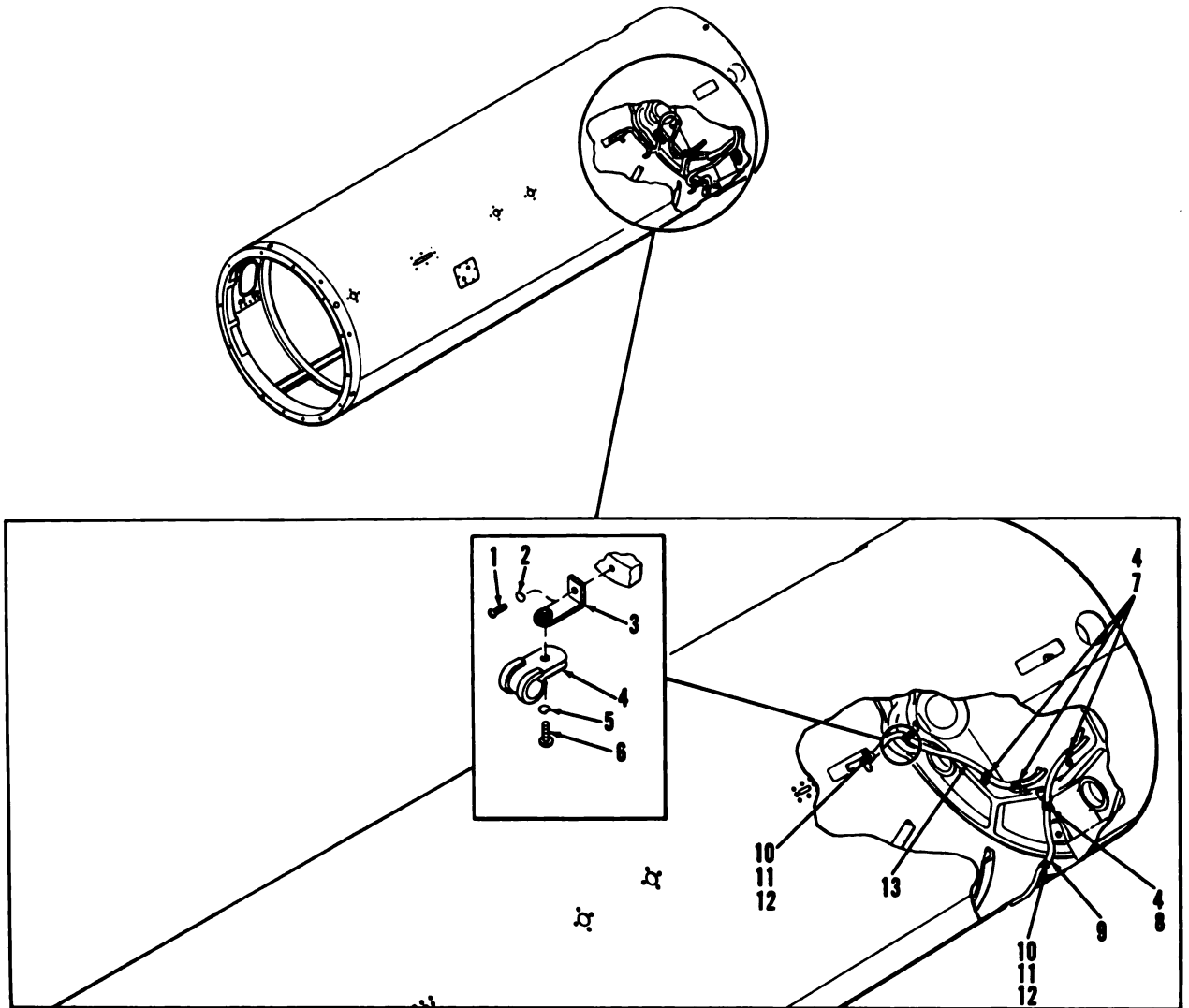


ORD 6336849

- | | | | | | |
|---|------------------------------|----|-------------------------|----|-------------------------|
| 1 | WIRING HARNESS 9978712.....1 | 5 | PLATF 9028181.....1 | 11 | NUT MS21044M04.....2 |
| | SEE FIGURE 171, NUMBER 27 | 6 | SPRING 9019806.....1 | 12 | WASHER MS27183-4.....2 |
| | FOR DETAILS | 7 | WASHER AN960-3L.....4 | 13 | BRACKET 9032020.....1 |
| 2 | SCREW MS2469354.....2 | 8 | NUT 9018143.....2 | | |
| 3 | PLATE ASSMFLY 9019876.....1 | 9 | PLATE 9019848.....1 | | |
| | 4 RIVET MS20426AD3-4.....2 | 10 | RIVET MS20426A3-4.....6 | | |
| | | | | | * FURNISHED WITH ITEM 1 |

• FURNISHED WITH ITEM 1

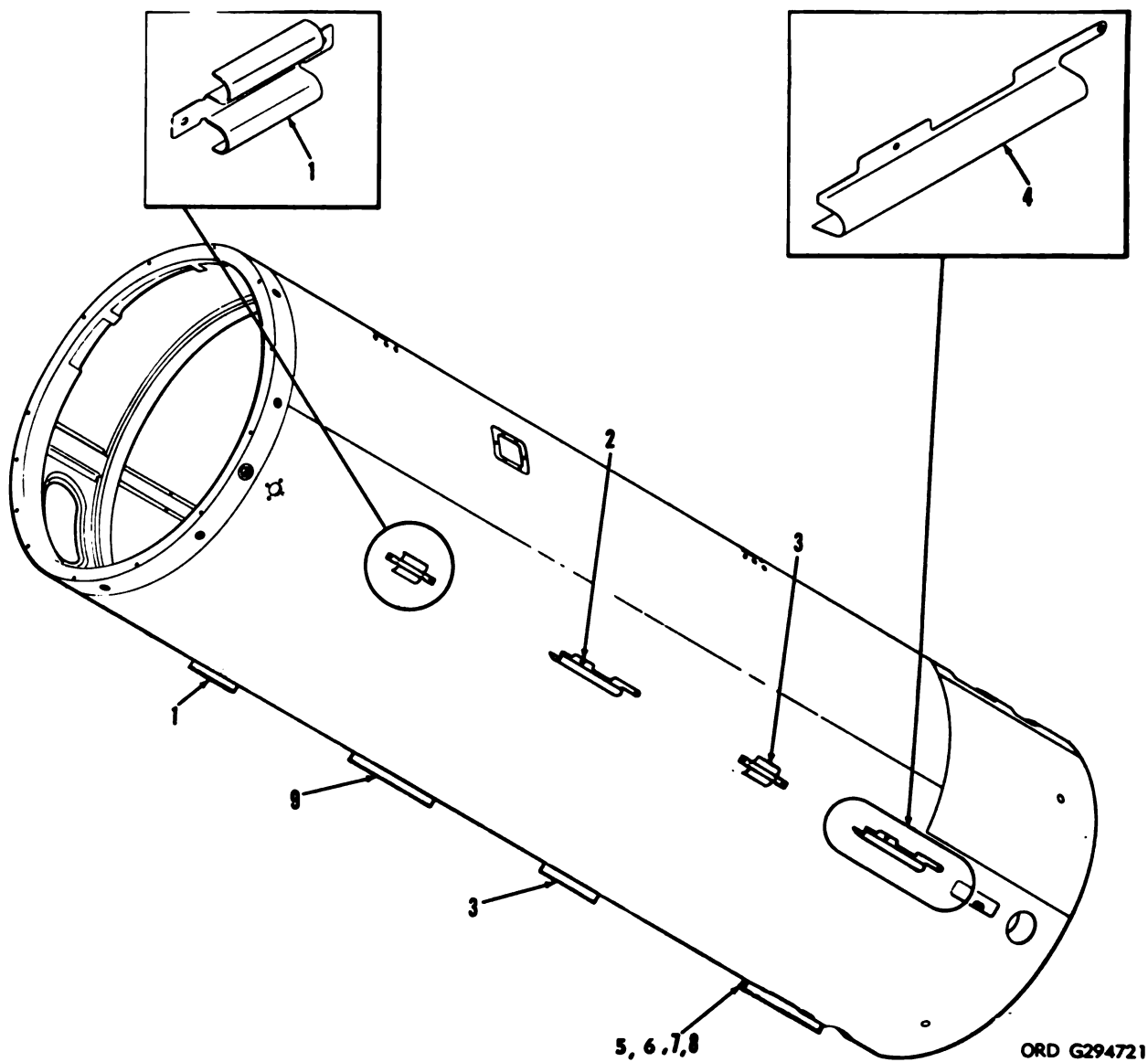
**FIGURE 61. THERMOSTAT, ENGINE HEATER, SPRING MOUNTED /9978713/
/SEE FIGURE 57 FOR NEXT HIGHER ASSEMBLY/**



ORD G336848

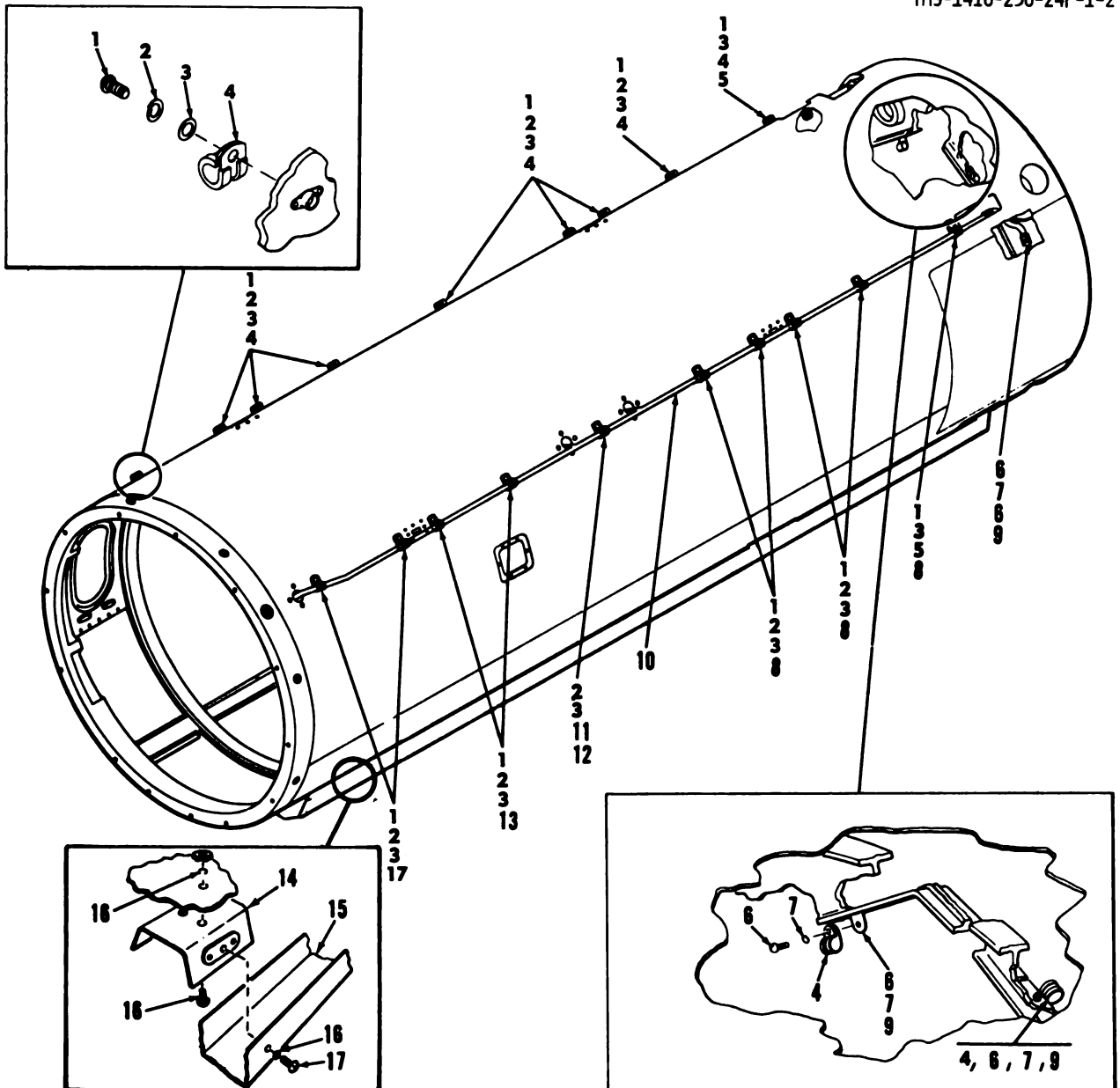
1 SCREW MS35207-262.....8	7 BRACKET 9028057.....3	11 WASHER MS35338-43.....2
2 WASHER MS35338-43.....8	8 BRACKET 9028058.....1	12 CLAMP MS25281R11.....2
3 BRACKET 9028320.....1	9 CABLE ASSEMBLY 9979466.....1	13 CABLE ASSEMBLY 9979465.....1
4 CLAMP MS21919WDG12.....5	SEE FIGURE 171, NUMBER 3	SEE FIGURE 171, NUMBER 2
5 WASHER MS35338-43.....5	FOR DETAILS	FOR DETAILS
6 SCREW MS35207-264.....5	10 SCREW MS35207-264.....2	

FIGURE 60. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



1	SPACER	9028431.....2	4	SUPPORT	9019534.....1	7	NUT	MS21083M08.....2
2	SUPPORT	9019536.....1	5	WASHER	AN960-8L.....16	8	SUPPORT	9019537.....1
3	SPACER	9028412.....2	6	SCREW	MS35206-246.....16	9	SUPPORT	9019535.....1

FIGURE 59. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



ORD G336847

1	SCREW MS35206-246.....18	8	CLAMP MS21919WDG8.....6	13	CLAMP MS21919WDG3.....4
2	WASHER MS35338-42.....17	9	BRACKET 9028058.....3	14	BRACKET 9033221.....6
3	WASHER AN960-8L.....19	10	CABLE ASSEMBLY 8530418.....1	15	COVER 9033218.....6
4	CLAMP MS21919WDG5.....11		SEE FIGURE 171, NUMBER A	16	WASHER 8014684.....24
5	NUT MS21083N08.....2		FOR DETAILS	17	SCREW MS35207-261.....12
6	SCREW MS35207-262.....6	11	SCREW AN526-832R4.....1	18	SCREW MS35207-263.....12
7	WASHER MS35338-43.....6	12	CLAMP MS21919WDG7.....1		

FIGURE 58. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/

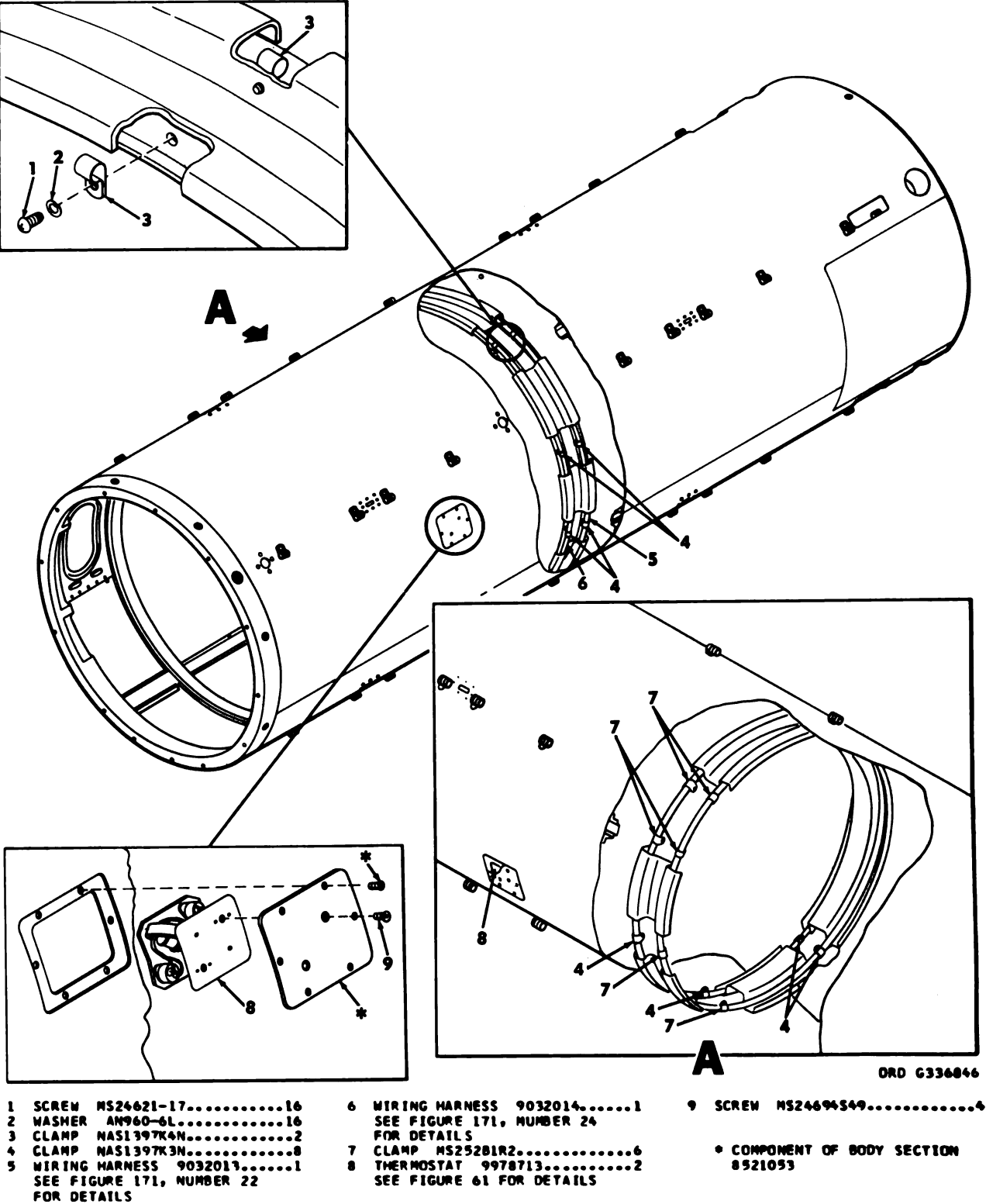
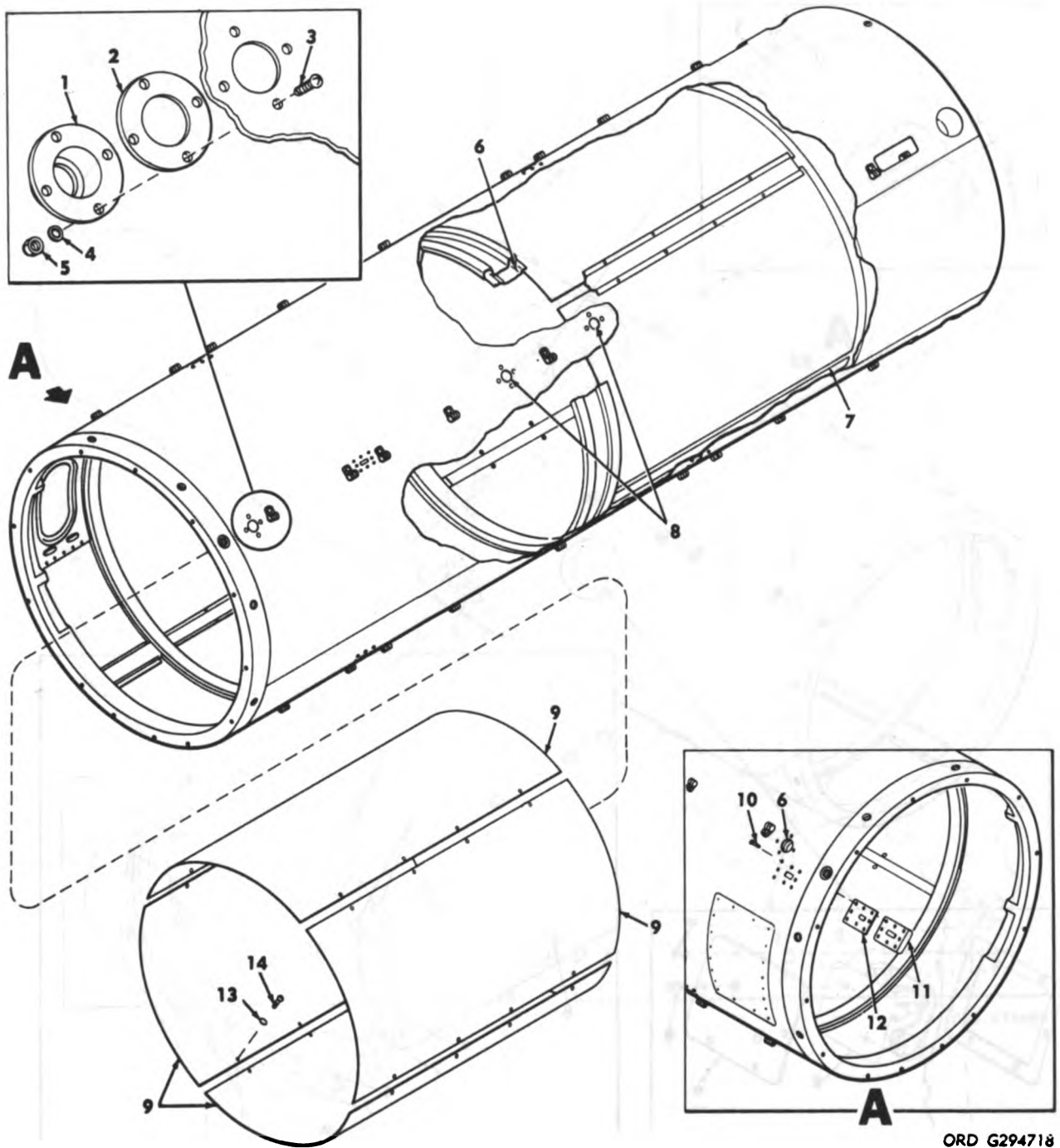


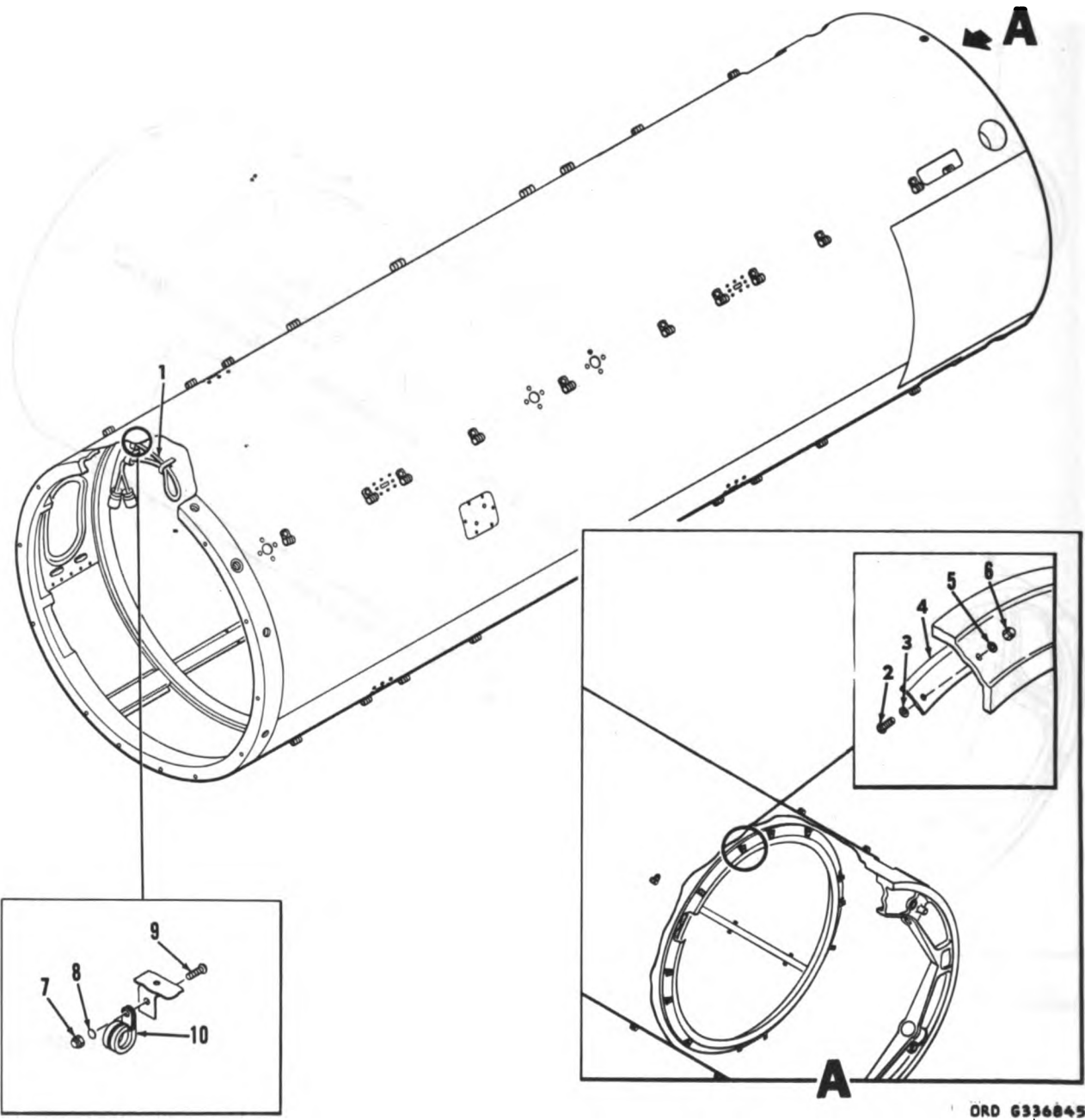
FIGURE 57. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



ORD G294718

1 HOUSING 9034880.....1	6 SUPPORT 9030347.....2	11 SWITCH ASSEMBLY 9030028.....1
2 GASKET 9020342.....4	7 HEATING ELEMENT 9032057.....4	12 GASKET 9032067.....1
3 SCREW MS35204-230.....16	8 HOUSING 9031246.....3	13 WASHER MS27183-6.....64
4 WASHER AN940-6L.....16	9 HEATING ELEMENT 9030288.....4	14 SCREW MS24621-15.....64
5 NUT MS21083N06.....16	10 SCREW MS24694S48.....8	

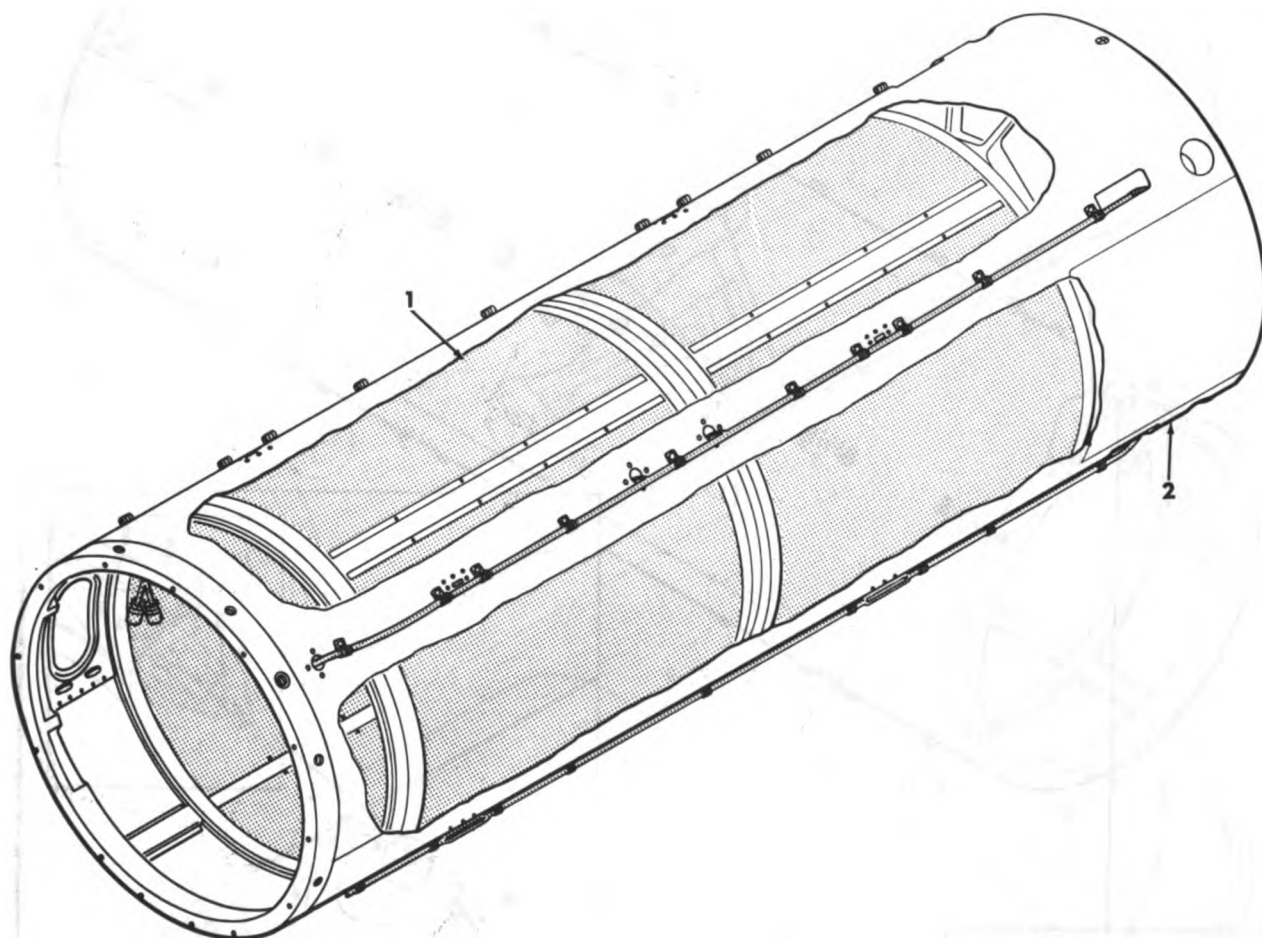
FIGURE 56. EQUIPMENT INSTALLATION, ENGINE SECTION /9020467/



ORD 6336845

- | | | |
|--------------------------------|---------------------------|----------------------------|
| 1 WIRING HARNESS 9028260.....1 | 3 WASHER AN960-10L.....12 | 7 NUT MS21083M3.....1 |
| SEE FIGURE 171, NUMBER 12 | 4 SUPPORT 9030946.....2 | 8 WASHER AN960-10L.....1 |
| FOR DETATLS | 5 WASHER AN960-10L.....12 | 9 SCREW MS39207-262.....1 |
| 2 SCREW MS39207-263.....12 | 6 NUT MS21042-3.....12 | 10 CLAMP MS21919W089.....1 |

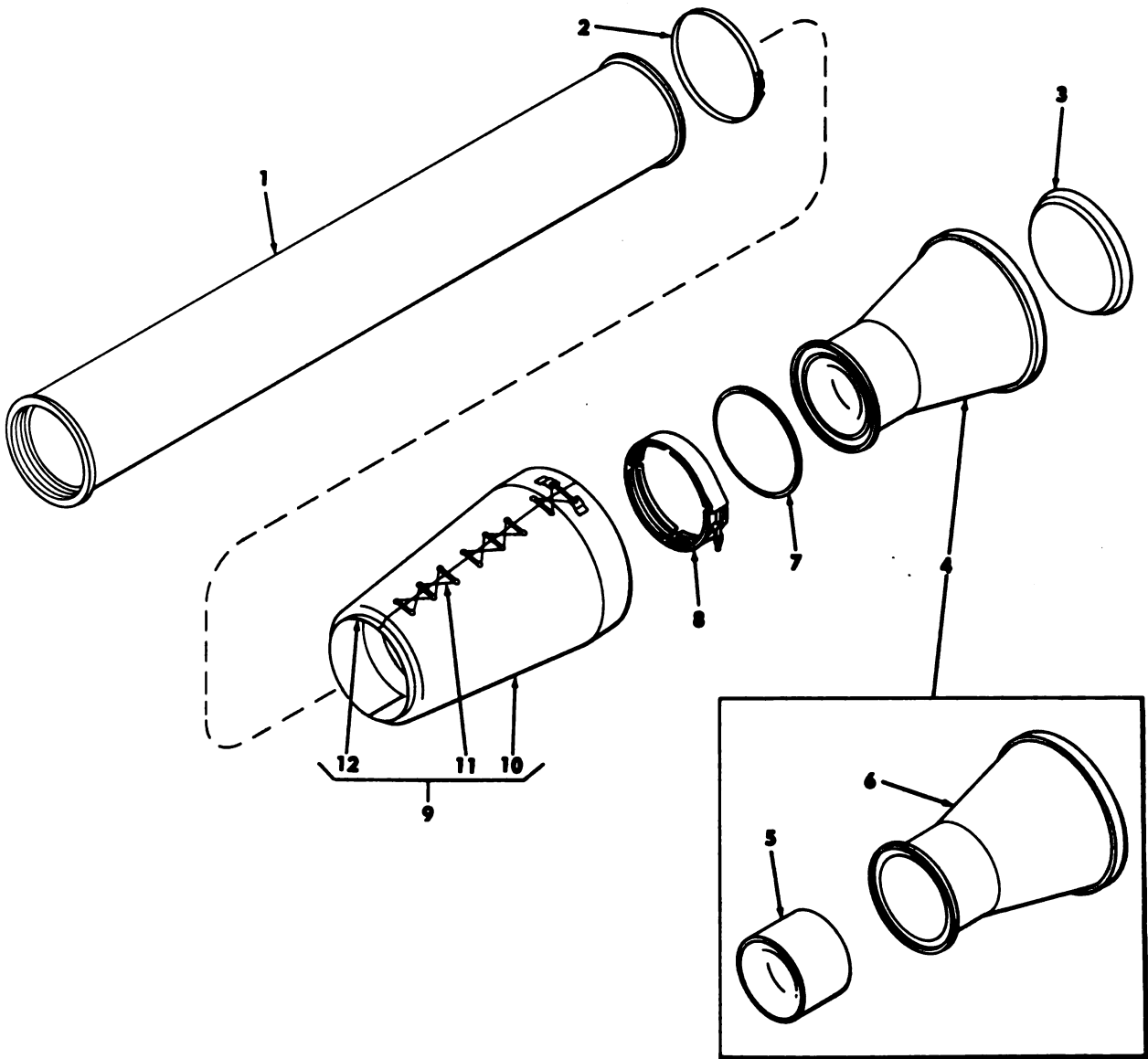
FIGURE 55. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/
/SEE FIGURE 54 FOR NEXT HIGHER ASSEMBLY/



ORD G294716

- 1 EQUIPMENT INSTALLATION
9028467.....1
SEE FIGURE 55 FOR DETAILS
- 2 BODY SECTION 8521053.....1
SEE FIGURE 62 FOR DETAILS

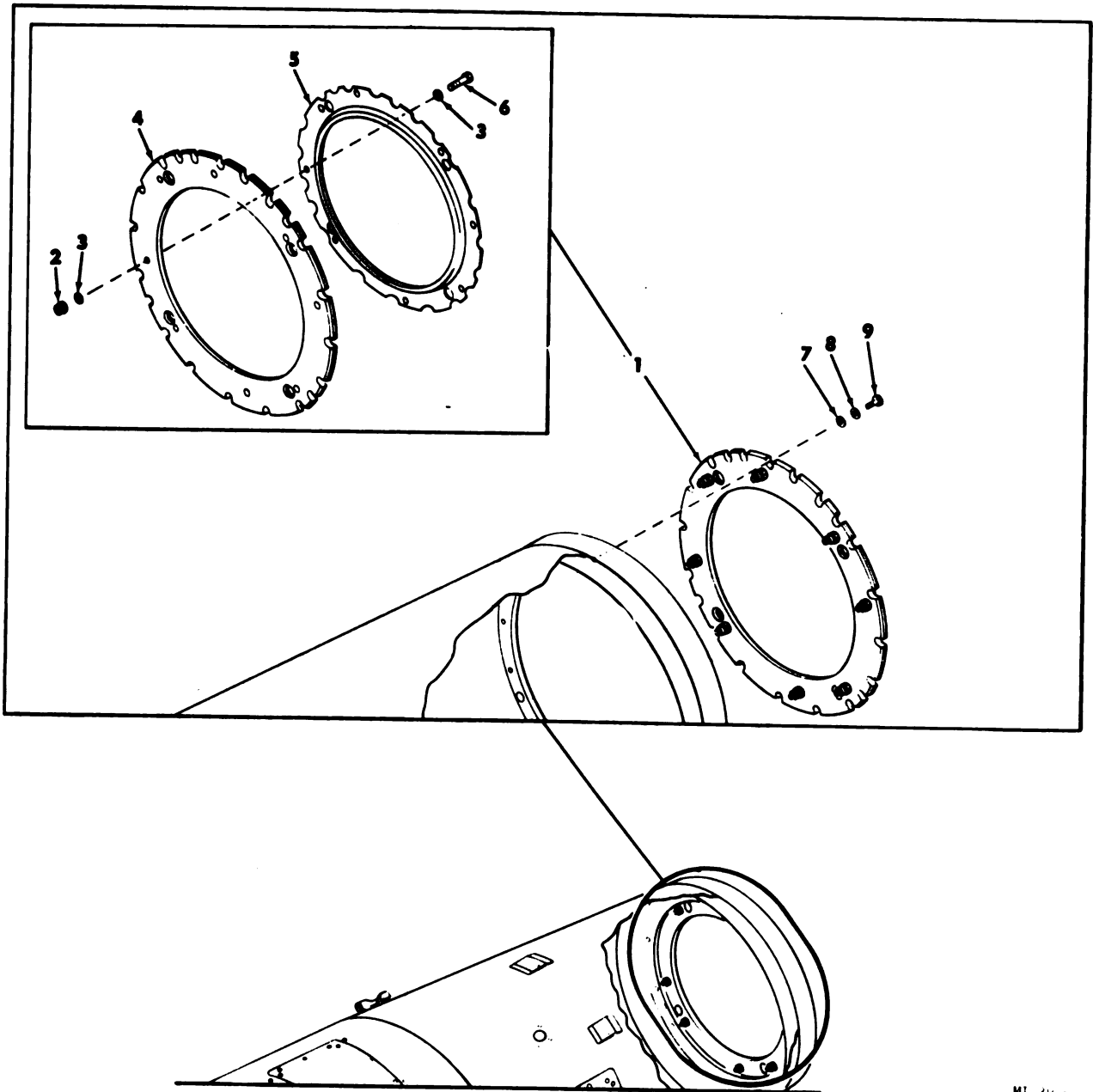
FIGURE 54. MOTOR SECTION /9028468/
/SEE FIGURE 49 FOR NEXT HIGHER ASSEMBLY/



ORD G339068

1	BLAST TUBE ASSEMBLY	5	NOZZLE INSERT	8	COUPLING 8034196.....1
8034192.....1		8034199.....1		9	BLANKET 8034329.....1
2	CLAMP MS21920-74R.....1	6	BODY 8034198.....1	10	BLANKET 8034635.....1
3	CLOSURE NOZZLE 8034200.....1	7	PACKING WITH RETAINER	11	WIRE MS20995C32.....1
4	NOZZLE ASSEMBLY 8034197.....1	8034430.....1		12	BLANKET 8034646.....1

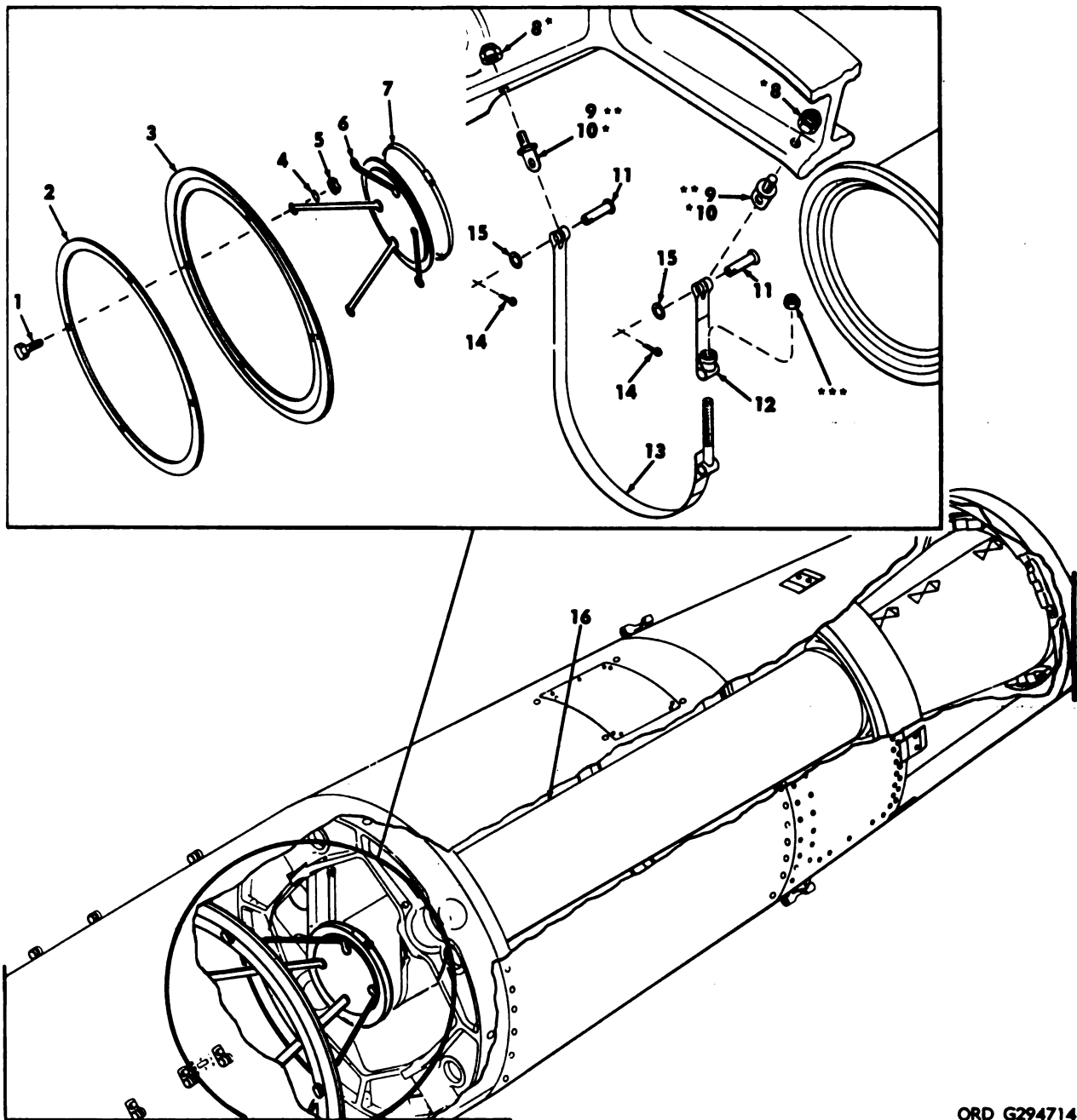
FIGURE 53. BLAST TUBE AND NOZZLE ASSEMBLY /8034291/
/SEE FIGURE 51 FOR NEXT HIGHER ASSEMBLY/



MI 3955

- | | | |
|---|----------------------------|----|
| 1 | RING ASSEMBLY 9979167..... | 1 |
| 2 | NUT AN363C62R..... | 8 |
| 3 | WASHER AN940C416..... | 16 |
| 4 | MOUNTING PLATE | |
| | 9019994..... | 1 |
| 5 | RING 9979167..... | 1 |
| 6 | BOLT AN4-7A..... | 8 |
| 7 | WASHER MS27193-12..... | 7 |
| 8 | WASHER 9031320..... | 7 |
| 9 | BOLT AN5-7A..... | 7 |

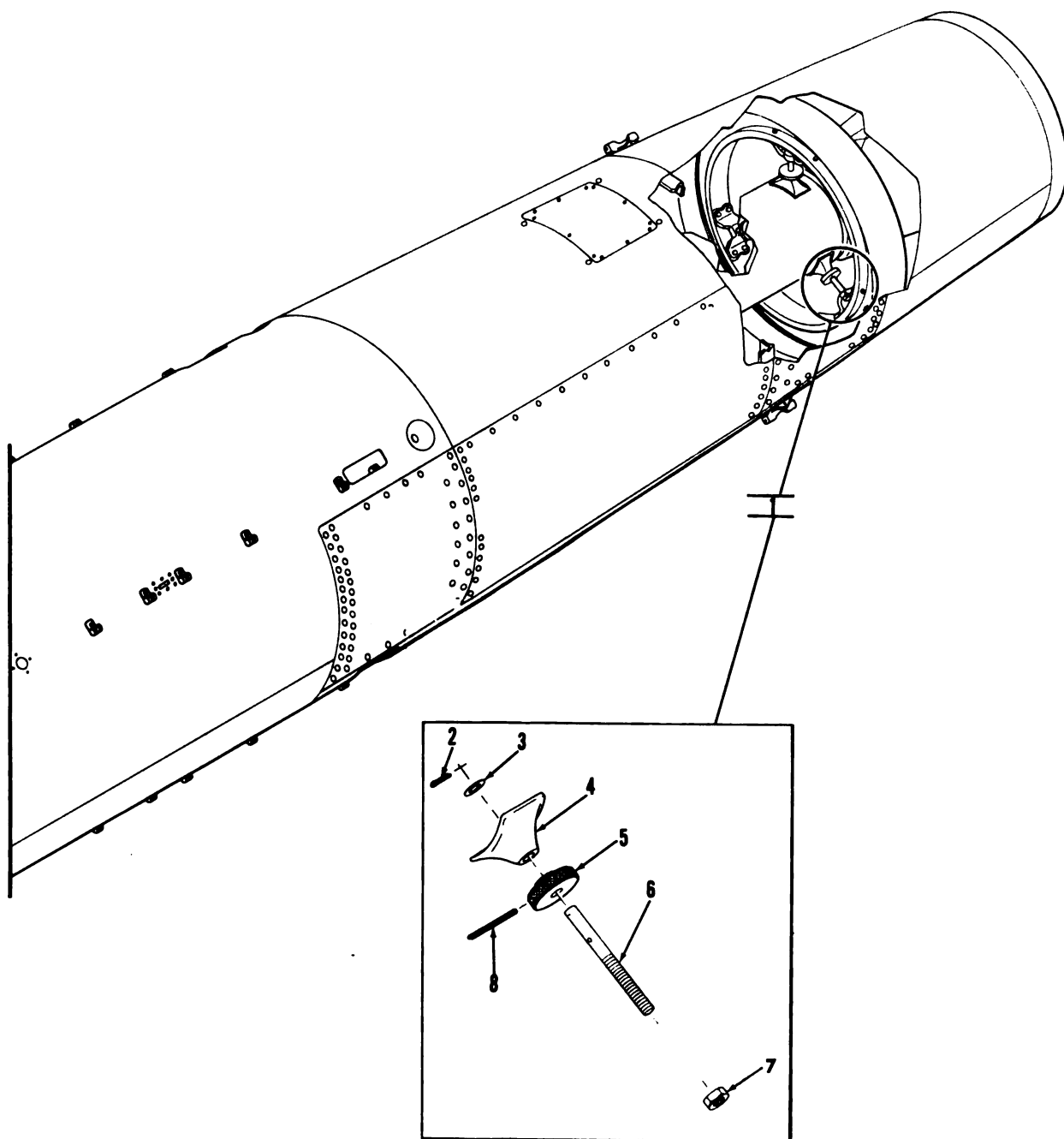
FIGURE 52. PLAST TUBE AND CLOSURE INSTALLATION /9019994/



ORD G294714

- | | | |
|----------------------------------|--|--|
| 1 BOLT AN7-11A.....4 | 10 BOLT AN44-5.....2 | * FOR BLAST TUBE AND CLOSURE
INSTALLATION 9019994 WITH
SERIAL NO. 16870 AND UP
** FOR BLAST TUBE AND CLOSURE
INSTALLATION 9019994 WITH
SERIAL NO. 14965-16869
*** FURNISHED WITH ITEM 13 |
| 2 INSULATION RING 9032034.....1 | 11 PIN MS20392-3C27.....2 | |
| 3 FRAME 8523843.....1 | 12 BAND 9033691.....1 | |
| 4 WASHER AN960-716.....4 | 13 BAND 9033692.....1 | |
| 5 NUT MS21044N7.....4 | 14 PIN MS24665-151.....2 | |
| 6 SHIPPING SUPPORT 9032800.....1 | 15 WASHER AN960-616.....2 | |
| 7 COUPLING 9018247.....1 | 16 BLAST TUBE AND NOZZLE
ASSEMBLY 8034291.....1 | |
| 8 NUT MS21083N5.....2 | SEE FIGURE 53 FOR DETAILS | |
| 9 BOLT 8522099.....2 | | |

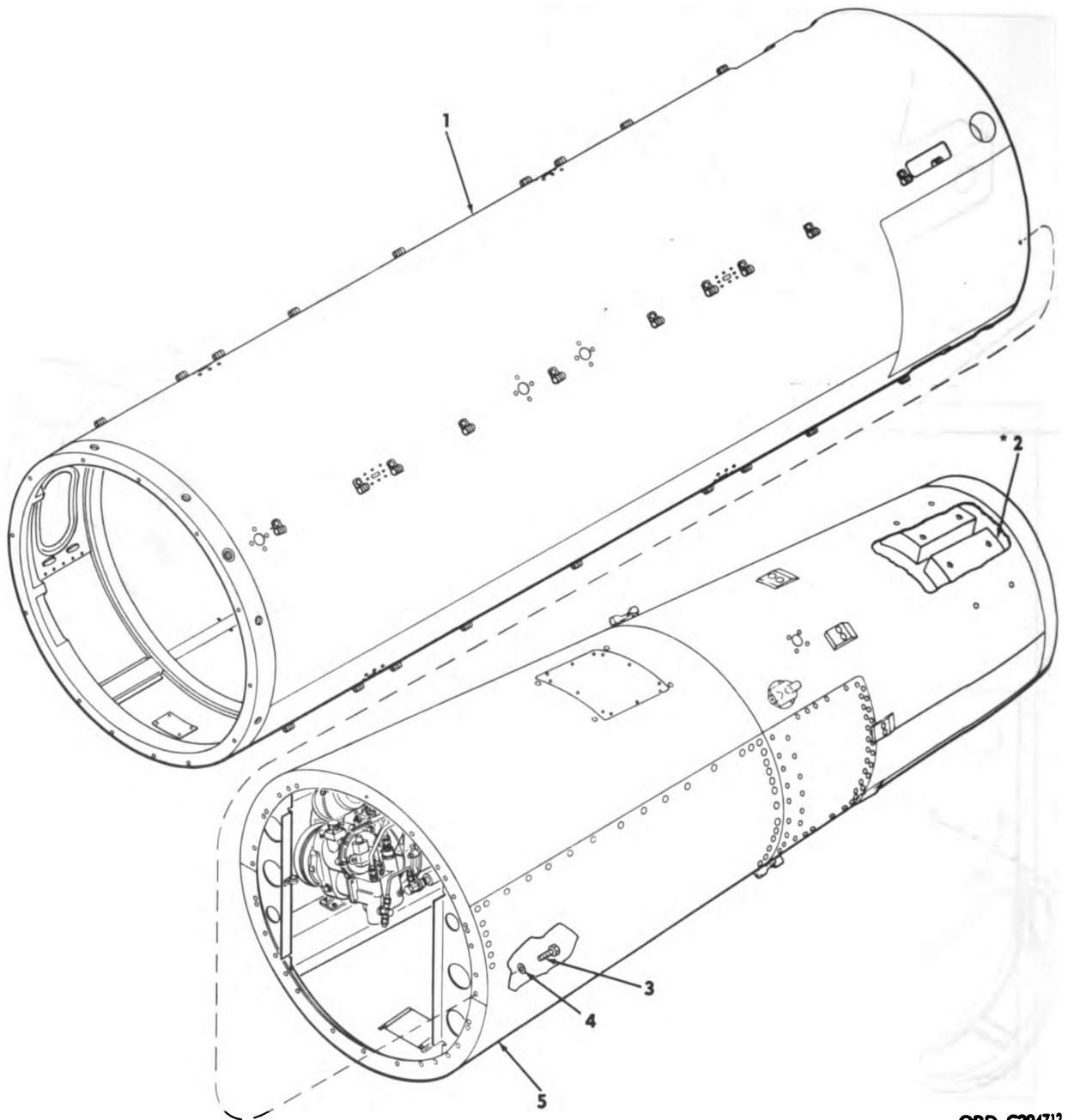
FIGURE 51. BLAST TUBE AND CLOSURE INSTALLATION /9019994/



- 1 ADJUSTING ASSEMBLY
9028028.....3
2 PIN MS24665-153.....1
3 WASHER MS15795-818.....1
4 SHOE 9031135.....1
5 KNOR 9031132.....1
6 SHAFT 9031133.....1
7 NUT AN316-8R.....1
8 PIN MS171572.....1

ORD G294713

FIGURE 90. BLAST TUBE AND CLOSURE INSTALLATION /9019994/
/SEE FIGURE 48 FOR NEXT HIGHER ASSEMBLY/



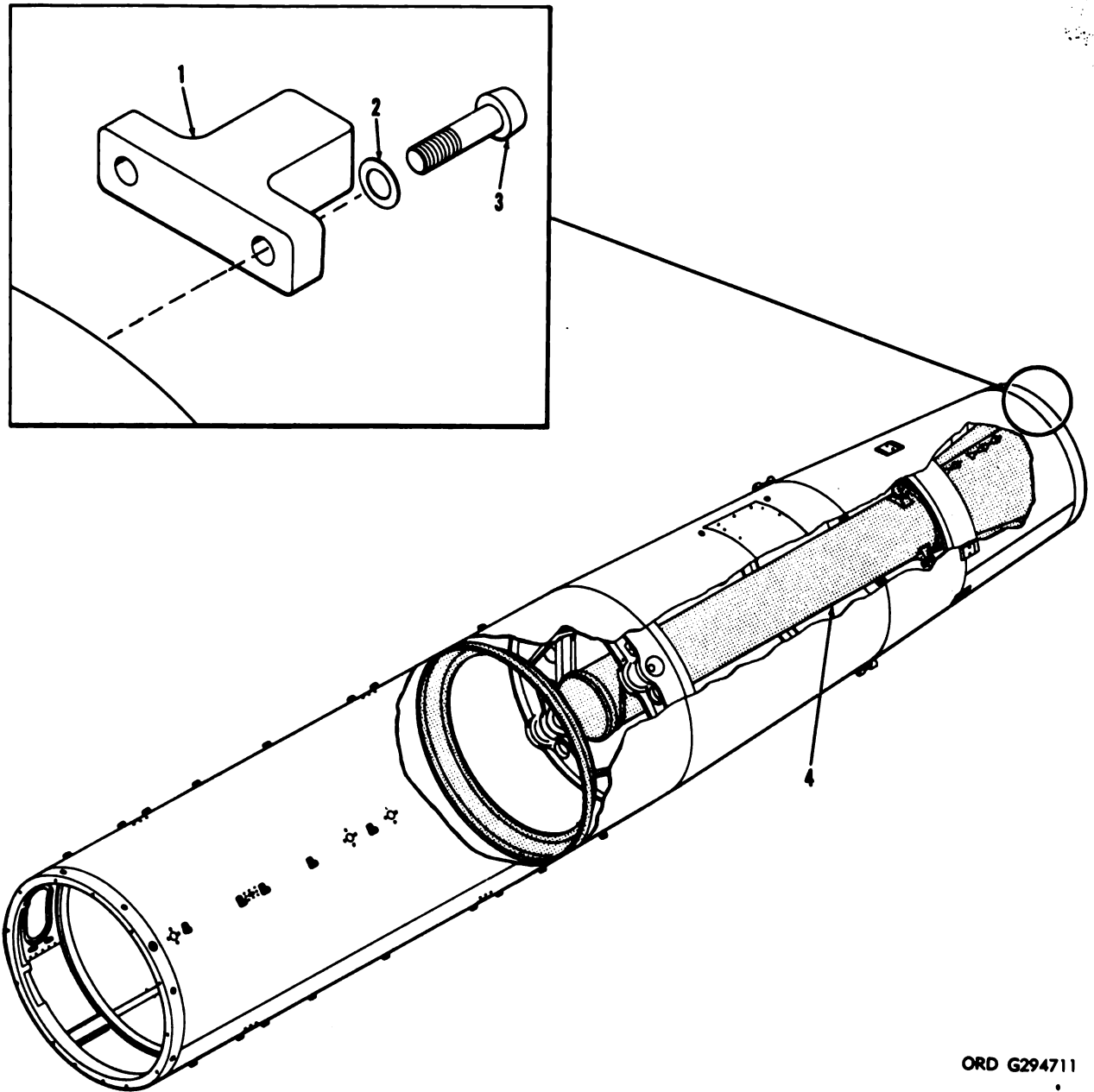
ORD G294712

1 MOTOR SECTION 9028468.....1
SEE FIGURE 54 FOR DETAILS
2 BALLAST INSTALLATION
9028251.....1
SEE FIGURE 67 FOR DETAILS

3 BOLT MS20074-06-07.....20
4 WASHER AN960-616L.....20
5 BODY SECTION 8521098.....1
SEE FIGURE 6A FOR DETAILS

* FOR SERIAL NUMBER
14965-15405

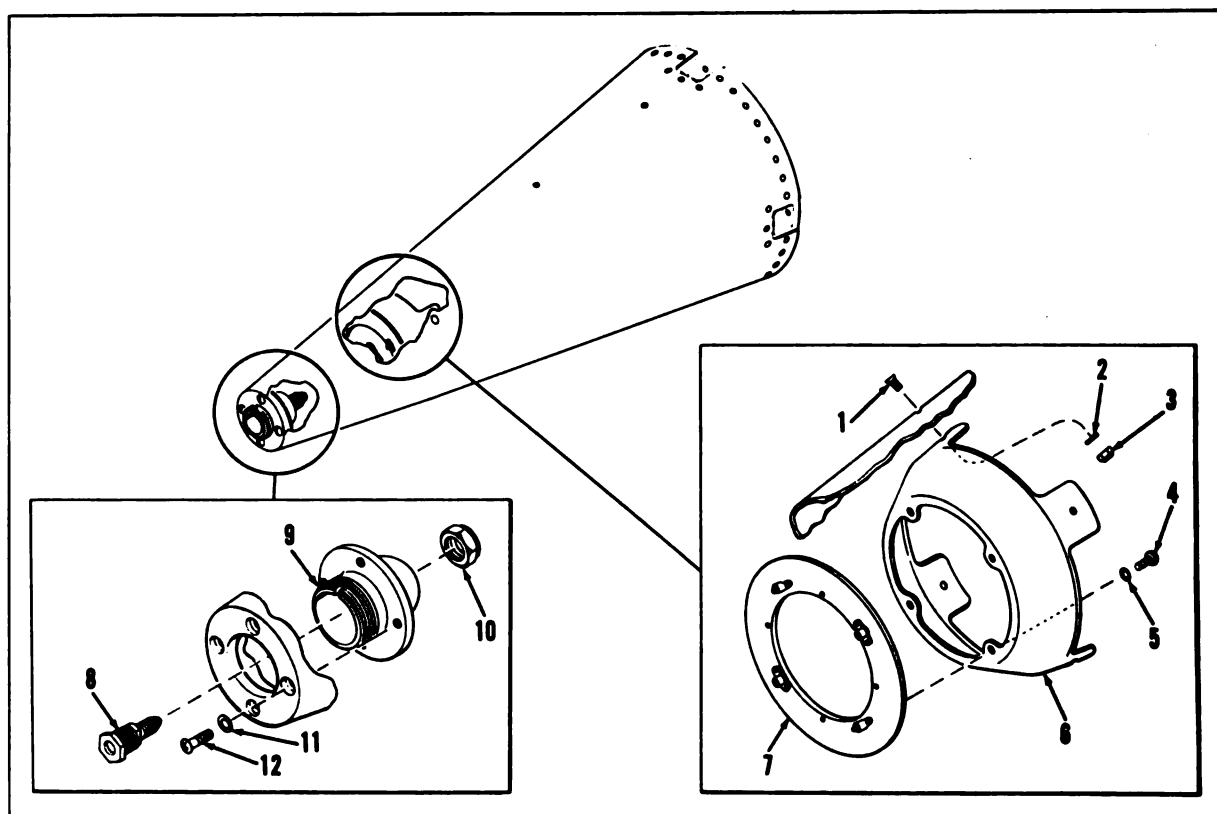
FIGURE 49. BODY ASSEMBLY, AFT /9028293/



ORD G294711

- 1 ALIGNMENT PIN 9029046.....1
 - 2 WASHER MS20002C5.....2
 - 3 BOLT MS20009H11.....2
 - 4 BLAST TUBE AND CLOSURE
INSTALLATION 9019994.....1
- SEE FIGURE 50 FOR DETAILS

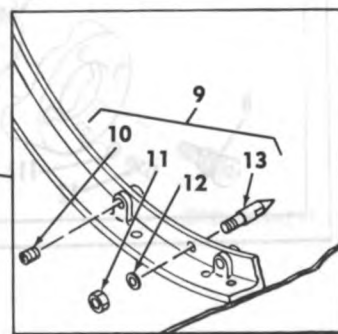
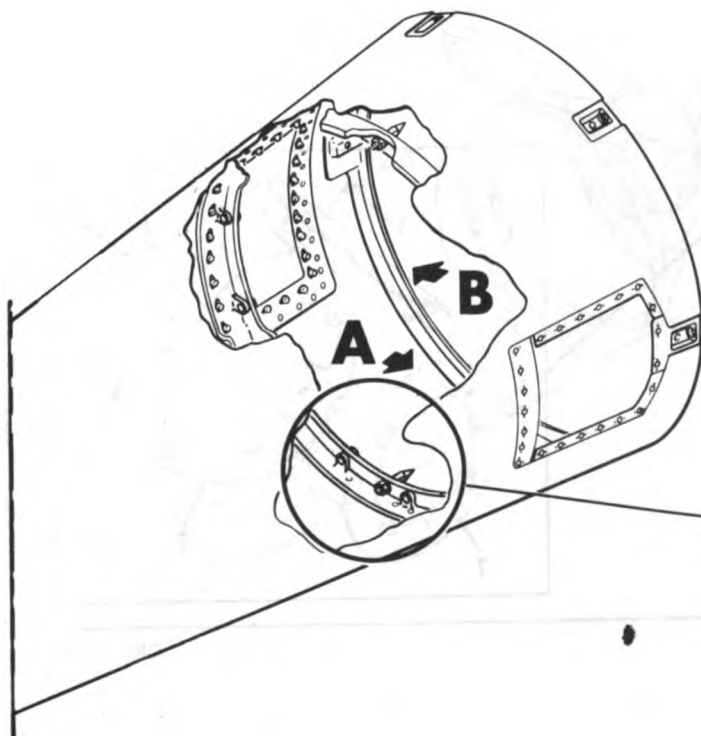
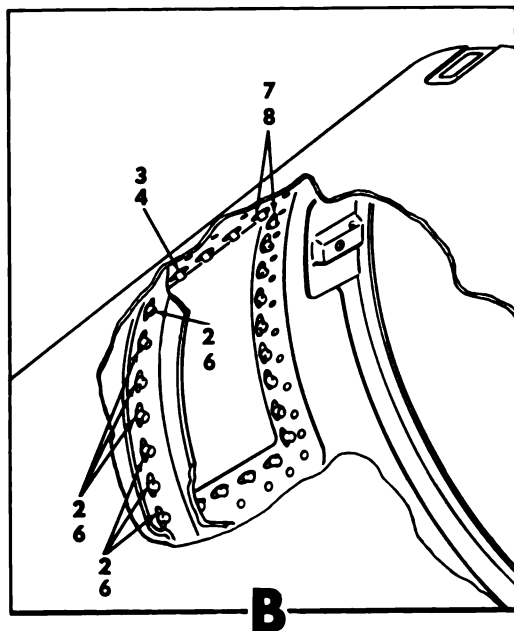
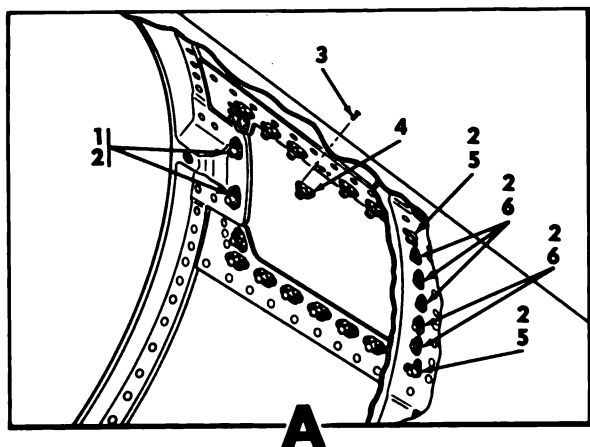
FIGURE 48. BODY ASSEMBLY, AFT /9028293/
/SEE FIGURE 30 FOR NEXT HIGHER ASSEMBLY/



ORD G294710

1	SCREW MS24694S5.....4	6	SUPPORTING ASSEMBLY	10	NUT MS21083D10.....1
2	WASHER AN690-8.....4	7	8530431.....1	11	WASHER NAS620-10L.....4
3	NUT MS21083N08.....4	8	RING ASSEMBLY 8524921.....1	12	SCREW NAS221-8.....4
4	SCREW MS51958-63.....4	9	COUPLING 9028199.....1		
5	WASHER MS15795-808.....4		HOLDER 8530417.....1		

FIGURE 47. NOSE ASSEMBLY, GUIDED MISSILE /9028024/
/SEE FIGURE 43 FOR NEXT HIGHER ASSEMBLY



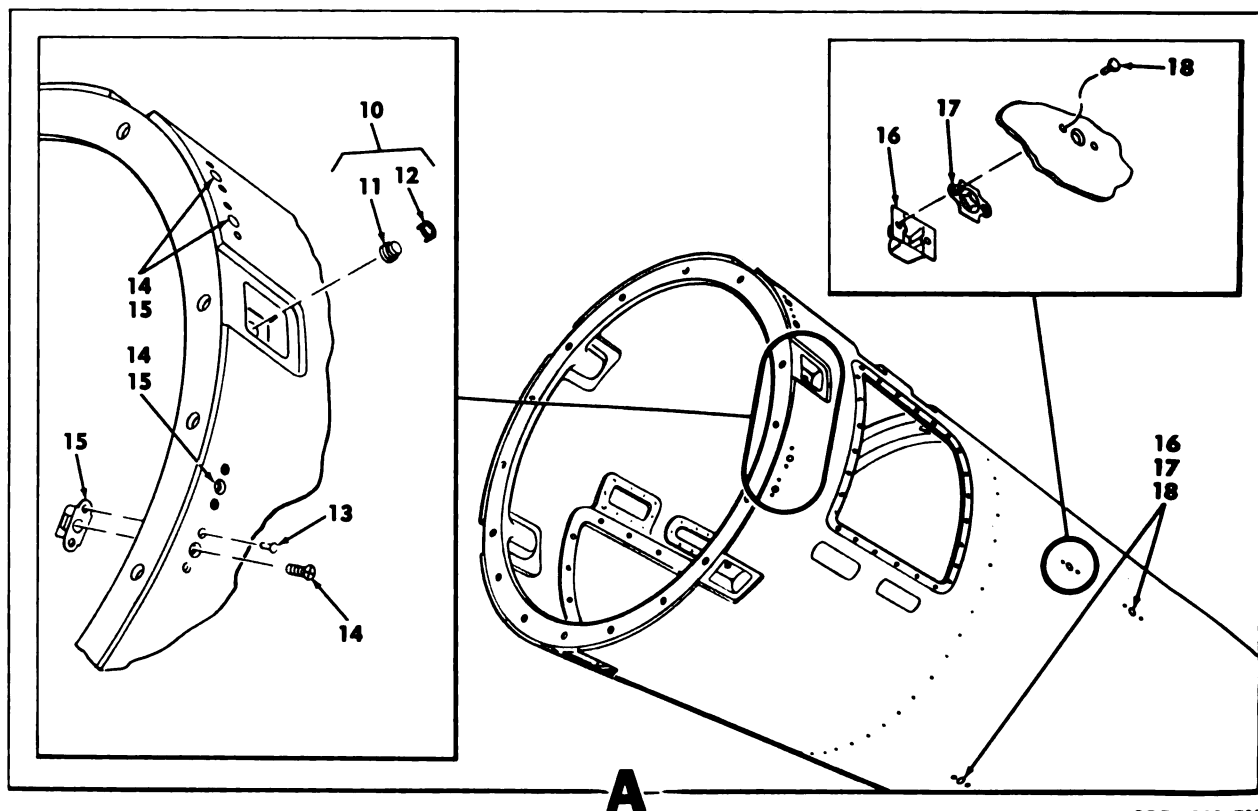
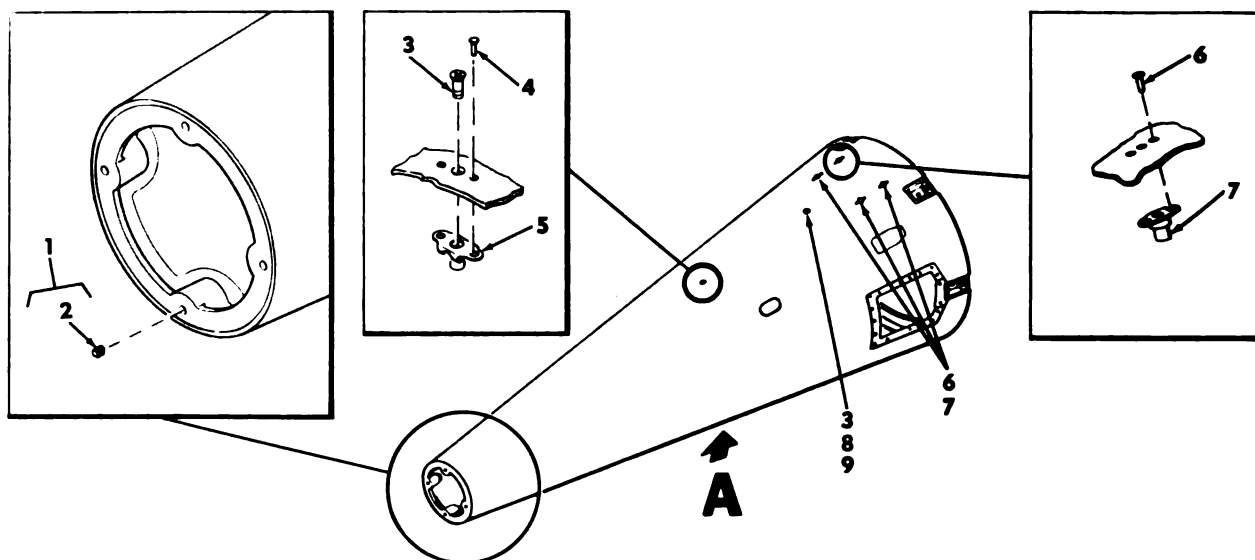
ORD G336842

1 NUT 9018952.....2
2 RIVET MS20426AD3-7.....32
3 RIVET MS20426AD3-6.....58
4 NUT RMS2LHA300682-02.....29
5 NUT 9022060.....2

6 NUT MS21059L3.....12
7 RIVET MS20426AD3-5.....4
8 NUT 9018143.....2
9 SUPPORT 9032841.....1
10 INSERT MS21208F6-15.....8

11 NUT MS21042L6.....2
12 WASHFR AN960C616L.....2
13 STUD 9031931.....2

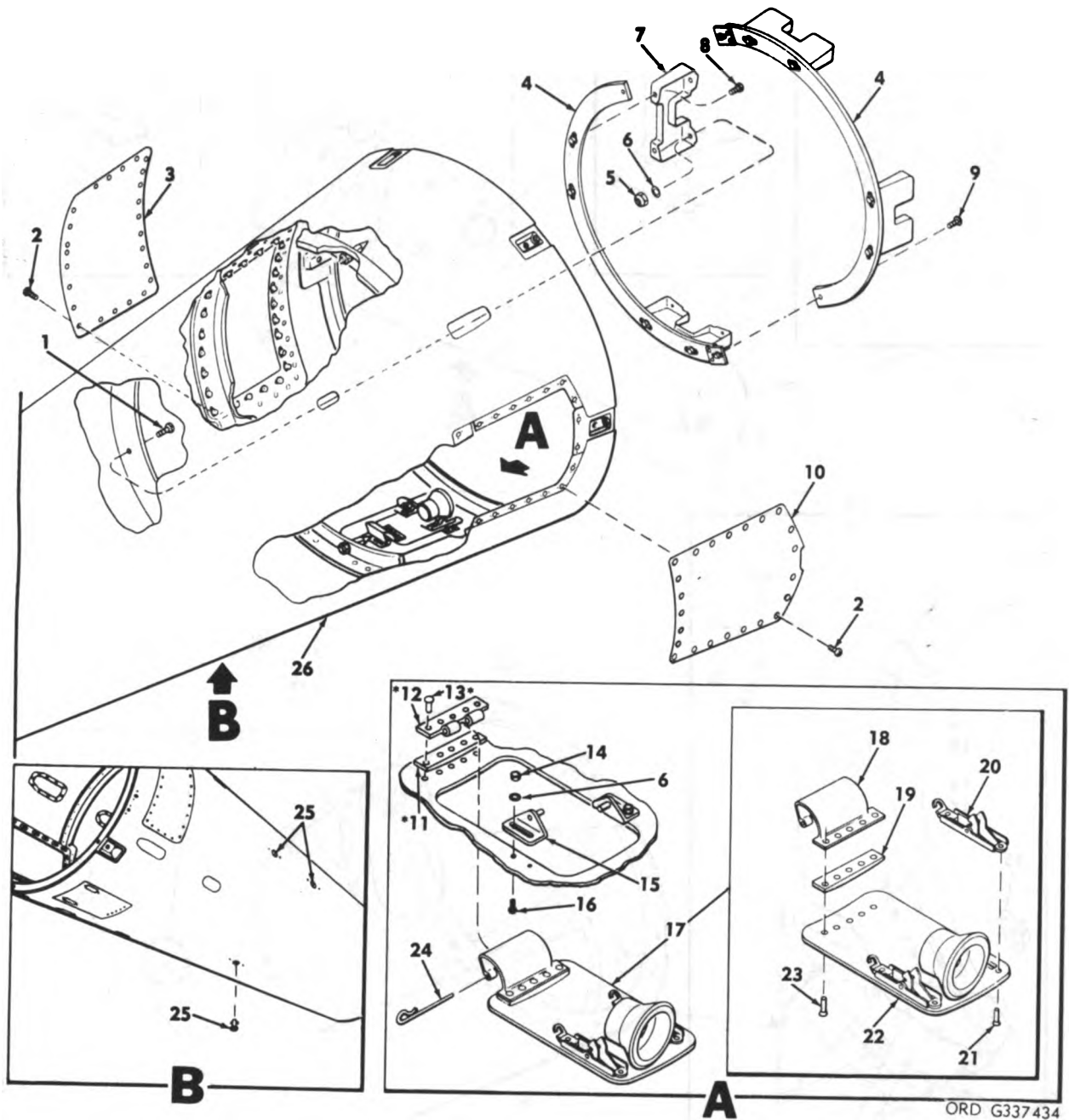
FIGURE 46. BODY SECTION, GUIDED MISSILE /9028130/



ORD G294708

1	INSERT AND SUPPORT	7	NUT 9026134.....4	14	SCREW MS24694S100.....4
2	INSERT MS124739.....4	8	RIVET MS20426AD3-9.....2	15	NUT F1967-4.....4
3	SCREW 852421A.....2	9	NUT 9033602.....1	16	COVER 9033694.....3
4	RIVET MS20426AD3-6.....2	10	FRAME ASSMBLY 9032646.....1	17	RECEPTACLE 99797P130.....3
5	NUT 901R489.....1	11	INSERT MS124695.....6	18	RIVET MS20426AD4-8.....6
6	RIVET MS20426AD3-6.....8	12	RING 901R562.....6		
		13	RIVET MS20426AD3-10.....8		

FIGURE 45. BODY SECTION, GUIDED MISSILE /9028130/
/SEE FIGURE 44 FOR NEXT HIGHER ASSEMBLY/



ORD G337434

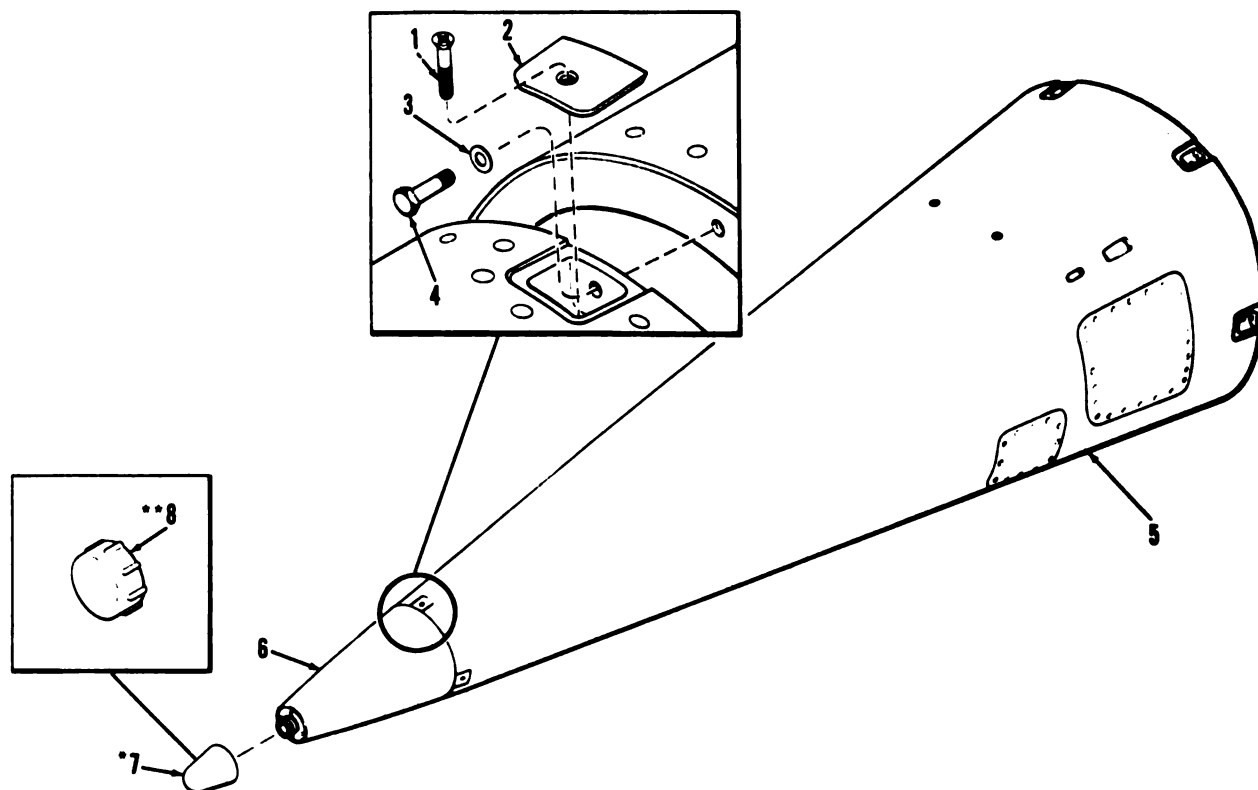
1 SCREW MS51958-62.....8
2 SCREW 9019673.....47
3 COVER 9028167.....1
4 RING HALF 9031866.....2
5 NUT MS21042L3.....8
6 WASHER AN960-10L.....12
7 SUPPORT 8529275.....4
8 BOLT AN3C4A.....8
9 SCREW MS51958-64.....2
10 COVER 9028168.....1

11 PLATE 9025479.....1
12 LEAF 9028214.....1
13 RIVET MS20426AD4-10.....5
14 NUT MS21044N3.....4
15 STRIKE 9025481.....2
16 SCREW MS24694S54.....4
17 DOOR 9025109.....1
18 HINGE 9019504.....1
19 PLATE 9025111.....1
20 LATCH 9025482.....2

21 RIVET MS20426AD4-6.....4
22 COVER 9025110.....1
23 RIVET MS20426AD4-9.....5
24 PIN 9019812.....1
25 STUD ASSEMBLY 9028390.....3
26 BODY SECTION 9028130.....1
SEE FIGURE 45 FOR DETAILS

* COMPONENT OF ITEM 26

FIGURE 44. BODY SECTION, GUIDED MISSILE /9028135/
/SEE FIGURE 43 FOR NEXT HIGHER ASSEMBLY/



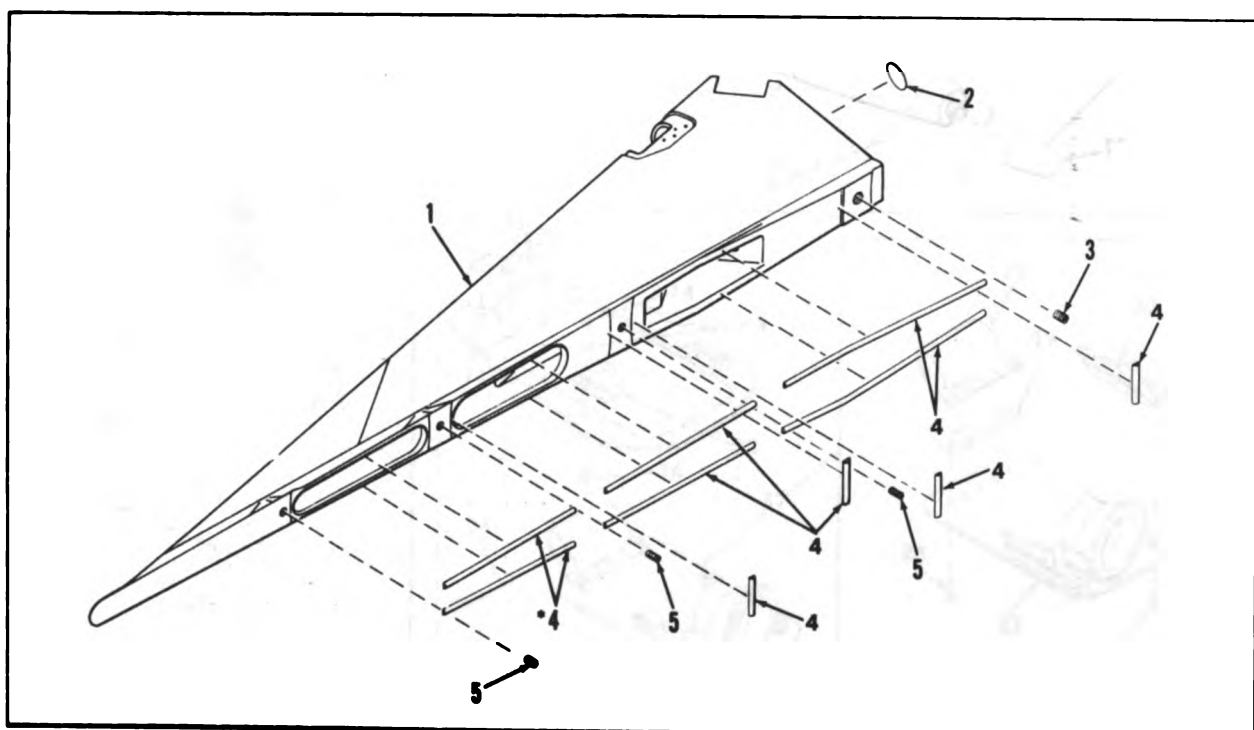
ORD G294700

1 SCREW MS24694S60.....4
 2 COVER PLATE 8530461.....4
 3 WASHER AN960C416L.....4
 4 BOLT AN4-6A.....4
 5 BODY SECTION 9028135.....1
 SEE FIGURE 44 FOR DETAILS

6 NOSE ASSEMBLY 9028024.....1
 SEE FIGURE 47 FOR DETAILS
 7 NOSE TIP 8524930.....1
 8 CAP 9019839.....1

* FOR SECTION ASSEMBLY 8530476
 WITH SERIAL NO. 20150 AND UP
 ** FOR SECTION ASSEMBLY 8530476
 WITH SERIAL NO. 14965-20149

FIGURE 43. SECTION ASSEMBLY, NOSE /8530476/
 /SEE FIGURE 34 FOR NEXT HIGHER ASSEMBLY/

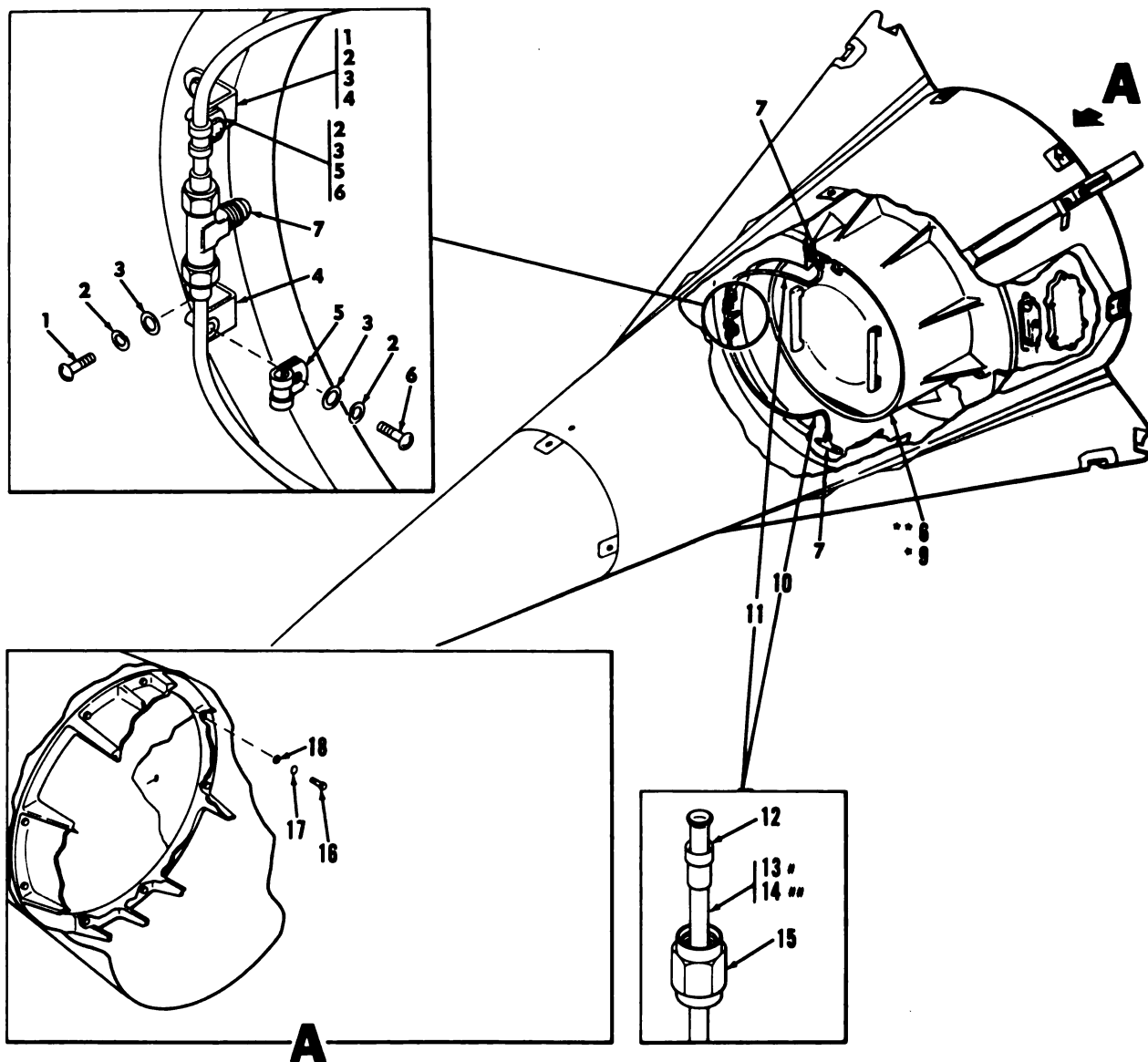


ORD G294699

- 1 FIN 9034849.....1
- 2 DISK 8530353.....1
- 3 INSERT MS2120MF6-15.....1
- 4 RUBBER SPECIAL SHAPED
SECTION R163092.....*
- 5 INSERT MS2120MF4-15.....3

* FOR FIN 9031879 WITH
SERIAL NO. 14965-17055

FIGURE 42. FIN, STABILIZER, GUIDED MISSILE /9031879/
/SEE FIGURE 34 FOR NEXT HIGHER ASSEMBLY/



MI 39351

1 SCREW MS35206-246.....2
 2 WASHER MS35338-42.....4
 3 WASHER AN960-BL.....4
 4 BRACKET 9028123.....2
 5 CLAMP MS21919WDG3.....2
 6 SCREW MS35206-245.....2
 7 YEE AN824-3D.....3
 8 MISSILE GUIDANCE SET
 AN/DPW-18A 9149099.....1
 SEE TM9-1410-250-24P-2-2
 FOR DETAILS

9 MISSILE GUIDANCE SET
 AN/DPW-21 10666975.....1
 SFE TM9-1410-250-24P-2-2
 FOR DETAILS
 10 TUBE ASSEMBLY 9034676.....1
 11 TUBF ASSEMBLY 9034675.....1
 12 SLEEVE MS20819-3D.....2
 13 PIPE 9034676-3.....1
 14 PIPE 9034675-3.....1
 15 NUT AN818-3D.....2
 16 BOLT NAS13C6-8.....8

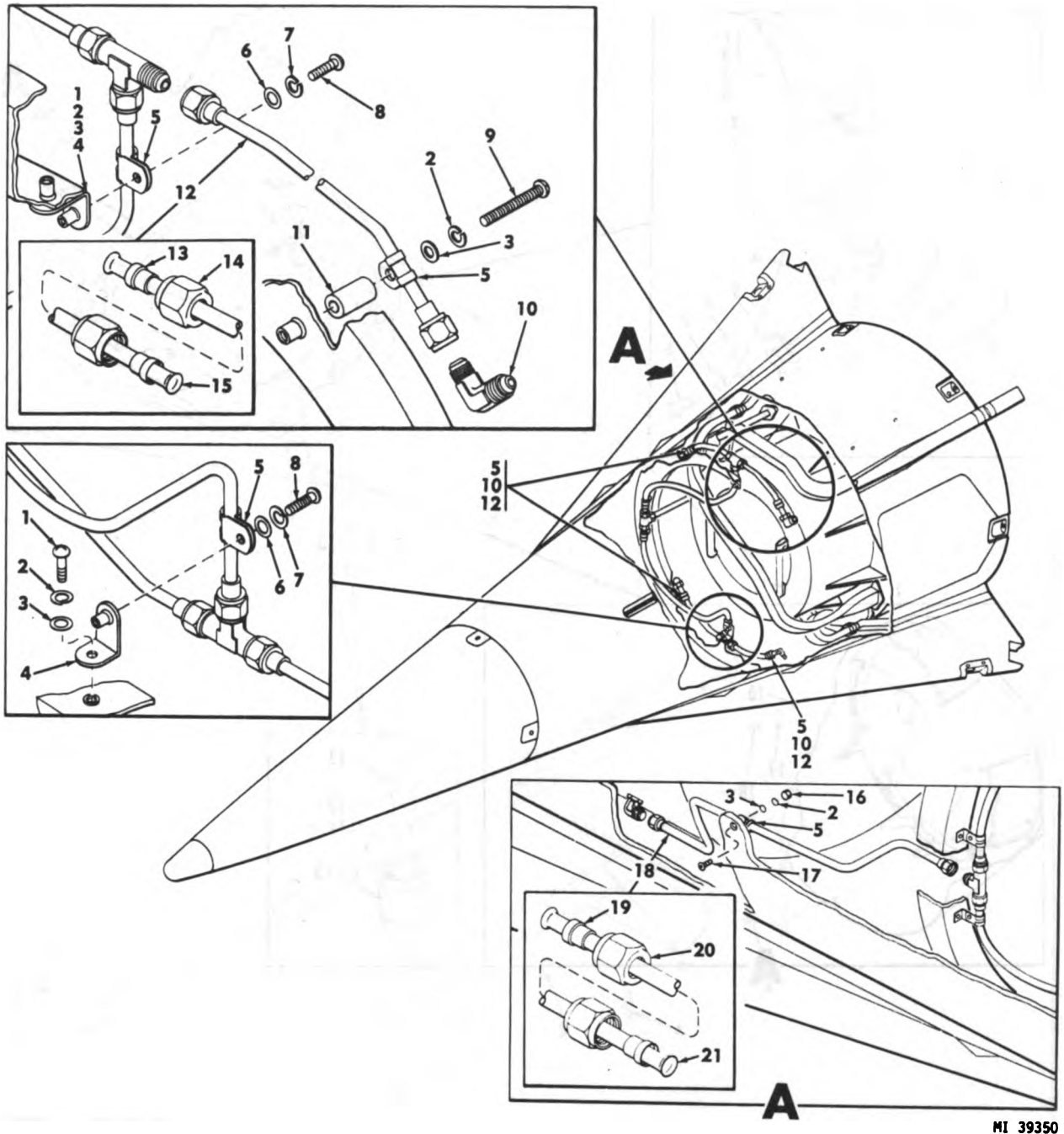
17 WASHER MS35338-46.....8
 18 WASHER AN960-616L.....8

* FOR EQUIPMENT INSTALLATION
 9979613

** FOR EQUIPMENT INSTALLATION
 9020575

COMPONENT OF ITEM 10
 ## COMPONENT OF ITEM 11

FIGURE 41. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/



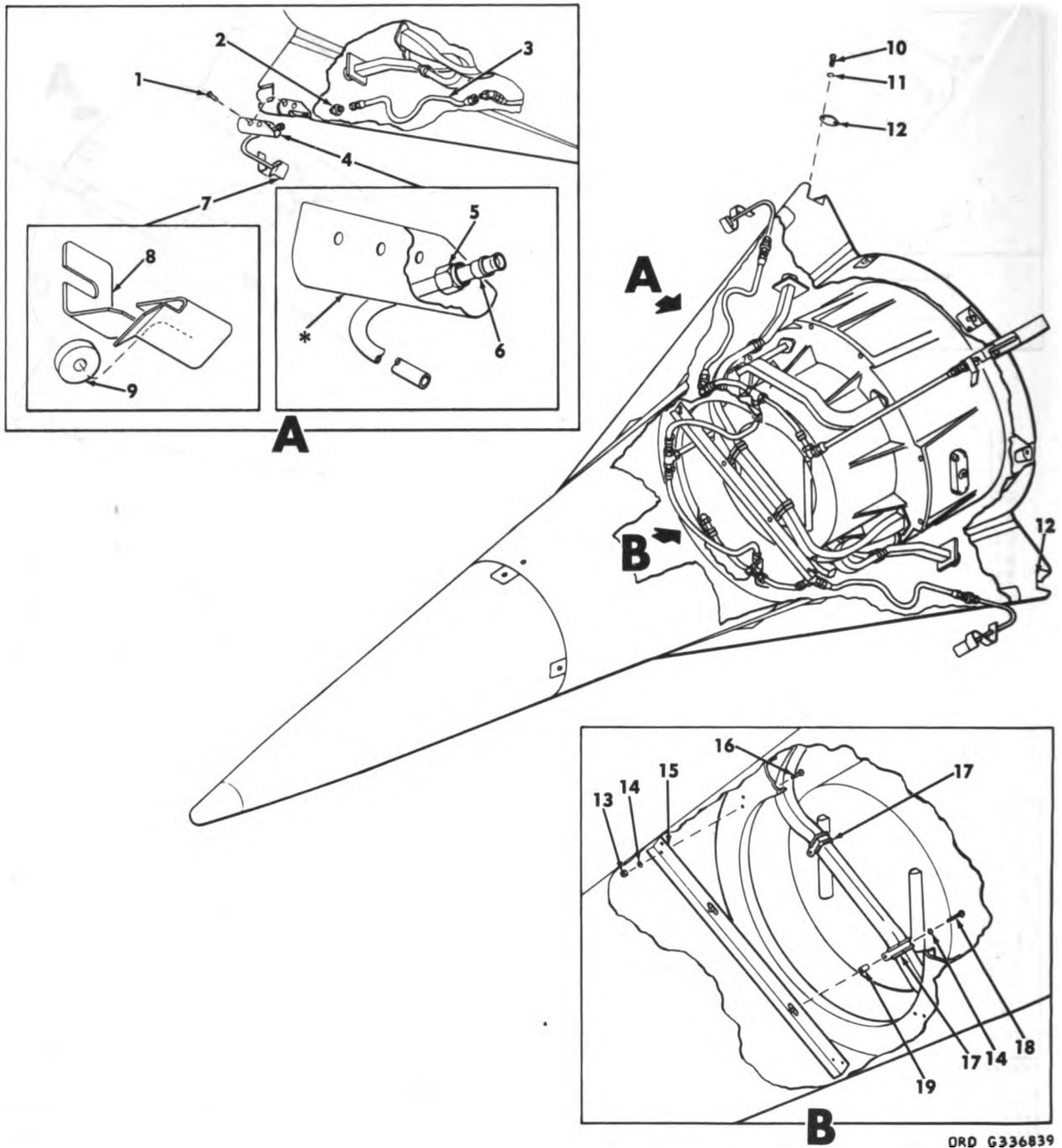
MI 39350

1 SCREW MS35206-245.....2
2 WASHER MS35338-42.....7
3 WASHER AN960-8L.....7
4 BRACKET 902805A.....2
5 CLAMP MS21919WDG3.....7
6 WASHER AN960-10L.....2
7 WASHER MS35338-43.....2

8 SCREW MS35207-264.....2
9 SCREW MS35206-250.....4
10 ELBOW MS24401D3.....4
11 BUSHING NAS43D03-44.....4
12 TUBE ASSEMBLY 9034673.....4
13 SLEEVE MS20819-3D.....2
14 NUT AN818-3D.....2

15 PIPE 9034673-3.....1
16 NUT MS21044N09.....1
17 SCREW MS24693550.....1
18 TUBE ASSEMBLY 9034674.....1
19 SLEEVE MS20819-3D.....2
20 NUT AN818-3D.....2
21 PIPE 9034674-3.....1

FIGURE 40. EQUIPMENT INSTALLATION. FORWARD BODY ASSEMBLY /9020575 AND 9979613/



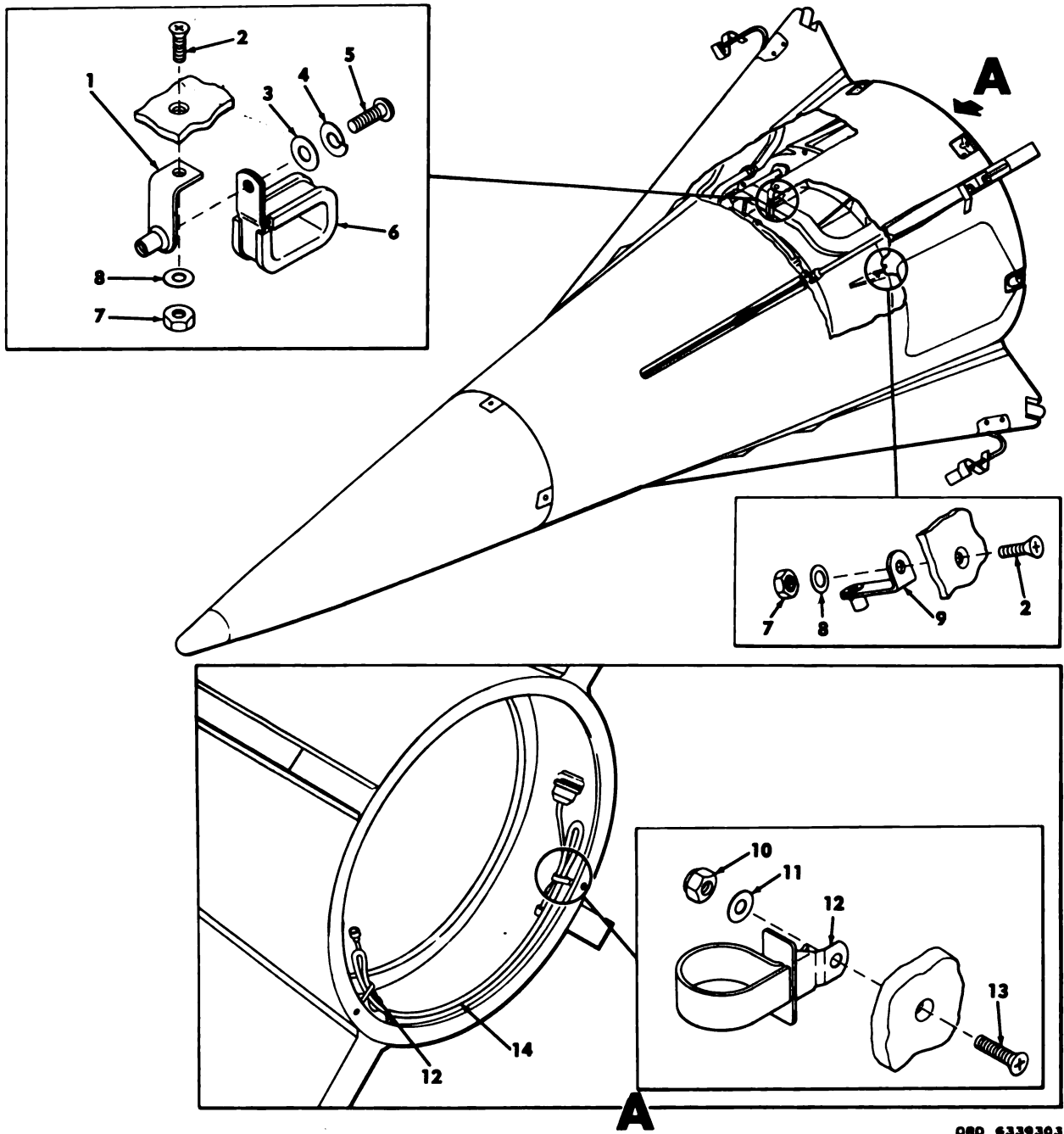
- 1 SCREW MAS221-8.....16
- 2 REDUCER MS2439903.....4
- 3 HOSE ASSEMBLY 9018287.....4
- 4 PROBE ASSEMBLY 9025404.....4
- 5 NUT AN919-40.....1
- 6 SLEEVE MS20819-4.....6
- 7 CLOSURE ASSEMBLY MS30395.....4
- 8 CLIP MS30395-3.....1

- 9 PAD MS30395-9.....1
- 10 SCREW MS35206-267.....4
- 11 WASHER MS35338-43.....4
- 12 COVER 9028097.....2
- 13 NUT MS21044N08.....4
- 14 WASHER AN960-BL.....6
- 15 BRACKET 9031782.....1
- 16 SCREW MS35206-245.....4

- 17 CLAMP 9026133.....2
- 18 SCREW MS35206-332.....2
- 19 SPACER MAS43003-40.....2

* COMPONENT OF ITEM 4

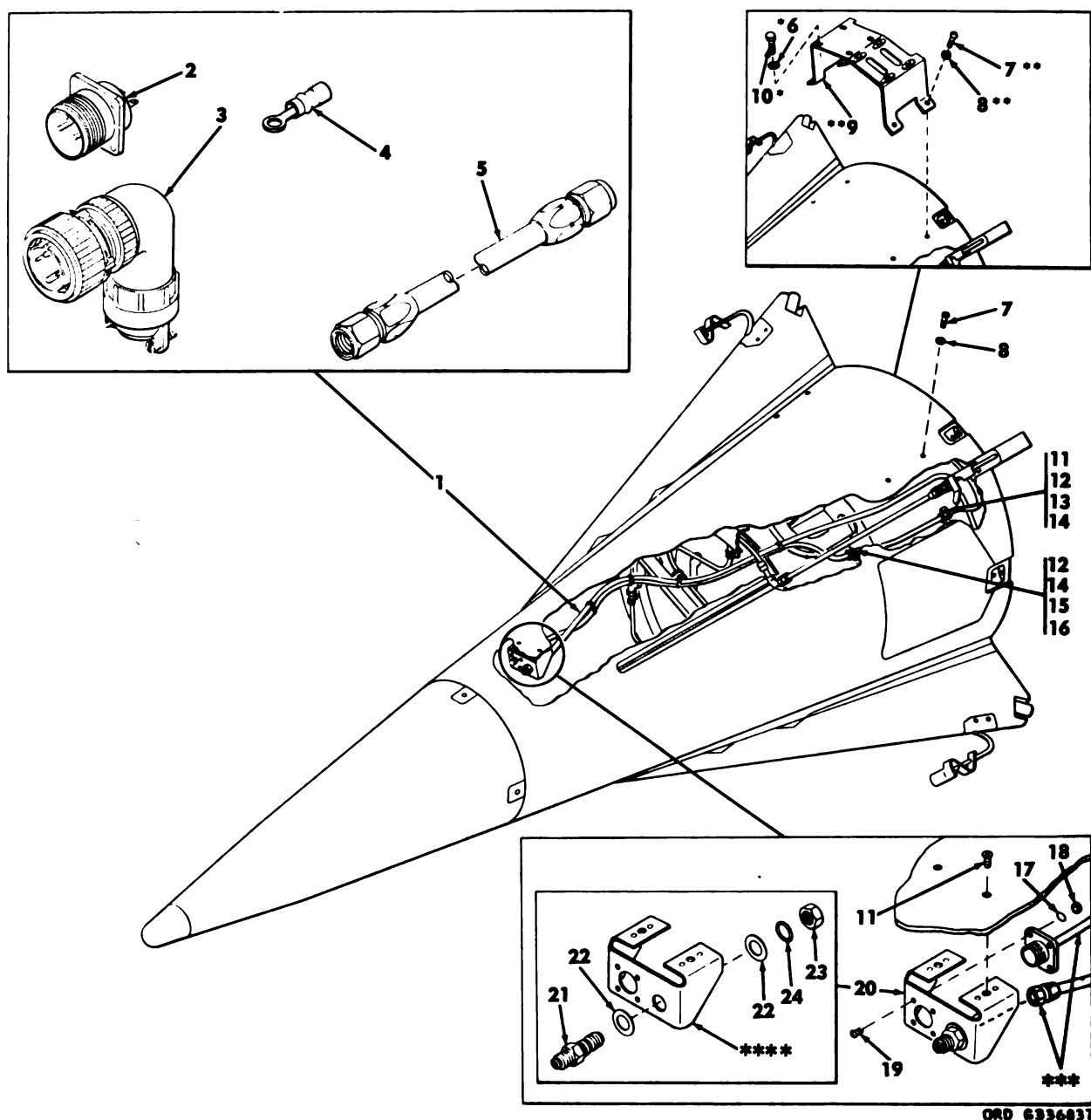
FIGURE 39. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/



ORD 6339363

1 BRACKET 9028320.....1	7 NUT MS21044N08.....2	13 SCREW MS24693S274.....2
2 SCREW MS24693S590.....2	8 WASHER AN960-8L.....2	14 WIRING HARNESS 8530408.....1
3 WASHER AN960-10L.....1	9 BRACKET 9019674.....1	SEE FIGURE 171, NUMBER 4
4 WASHER MS35338-43.....1	10 NUT MS21044N3.....2	FOR DFTAILS
5 SCREW MS35207-264.....1	11 WASHER AN960-10L.....2	
6 CLAMP 9026132.....1	12 STRAP 9026144.....2	

FIGURE 38. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/



ORD 6336837

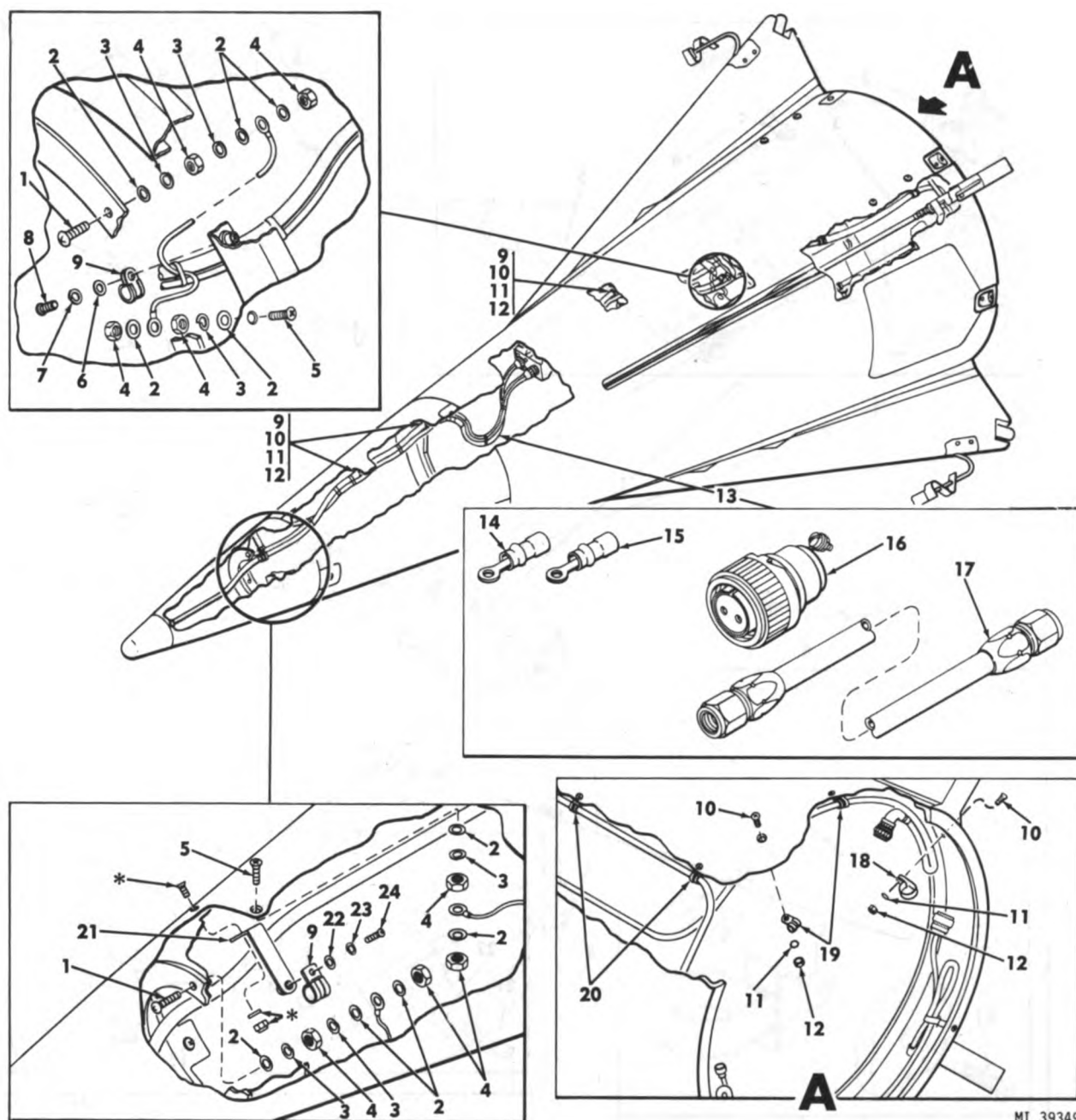
1 HOSE AND CABLE ASSEMBLY
RAM 8530415.....1
2 CONNECTOR
MS3102R10SL4P.....1
3 CONNECTOR MS3108F16-
9P.....1
4 TERMINAL MS25036-149....2
5 HOSE ASSEMBLY
9018720.....1
6 WASHER AN960-10L.....4
7 SCREW MS35206-246.....4
8 WASHER AN960-8L.....4
9 BRACKET 902R400.....1

10 BOLT AN3C6A.....4
11 SCREW MS24693S50.....3
12 WASHER AN960-8L.....2
13 NUT MS21044M08.....1
14 CLAMP NAS1397K4N.....2
15 SCREW MS35206-246.....1
16 WASHER MS35338-42.....1
17 WASHER MS27183-4.....4
18 NUT MS21044D04.....4
19 SCREW MS35206-215.....4
20 BRACKET AND COUPLING
8530487.....1
21 NIPPLE MS24393D4.....1

22 WASHER AN960PD/10L.....2
23 LOCKNUT AN6289D4.....1
24 PACKING 8034446.....1

* USED TO ATTACH SEQUENTIAL
TIMER TO ITEM 9
** INSTALLED FOR SHIPPING AND
TESTING OF FAIL SAFE DEVICE
AND SEQUENTIAL TIMER
*** COMPONENT OF ITEM 1
**** COMPONENT OF ITEM 20

FIGURE 37. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/

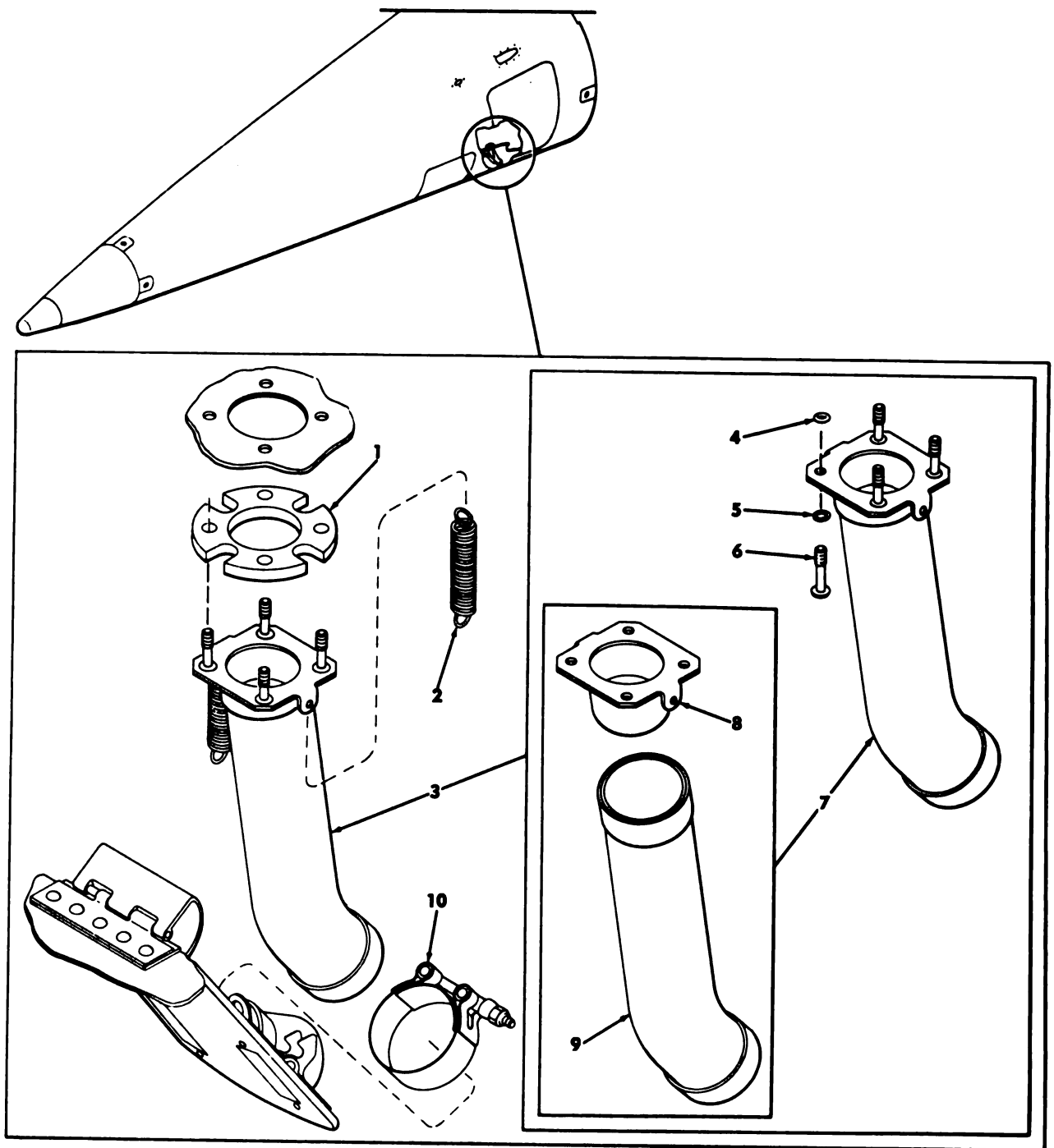


MI 39349

1 SCREW MS35206-247.....2	11 WASHER AN960-8L.....8	20 CLAMP NAS1397P6N.....2
2 WASHER AN960-8L.....10	12 NUT MS21044N0B.....8	21 BRACKET 9028081.....1
3 WASHER MS35338-42.....6	13 WIRING HARNESS 8530414.....1	22 WASHER AN960-10L.....1
4 NUT MS35649-282.....8	14 TERMINAL MS25036-103.....1	23 WASHER MS35338-43.....1
5 SCREW MS24693551.....2	15 TERMINAL MS25036-149.....1	24 SCREW MS35207-262.....1
6 WASHER AN960-10L.....1	16 CONNECTOR 9026168.....1	
7 WASHER MS35338-43.....1	17 HOSE ASSEMBLY	
8 SCREW MS35207-264.....1	9026145.....1	
9 CLAMP MS21919WDG10.....5	18 CLAMP NAS1397P6N.....1	
10 SCREW MS24693550.....8	19 CLAMP NAS1397R5.....2	

* COMPONENT OF NOSE SECTION
9028024

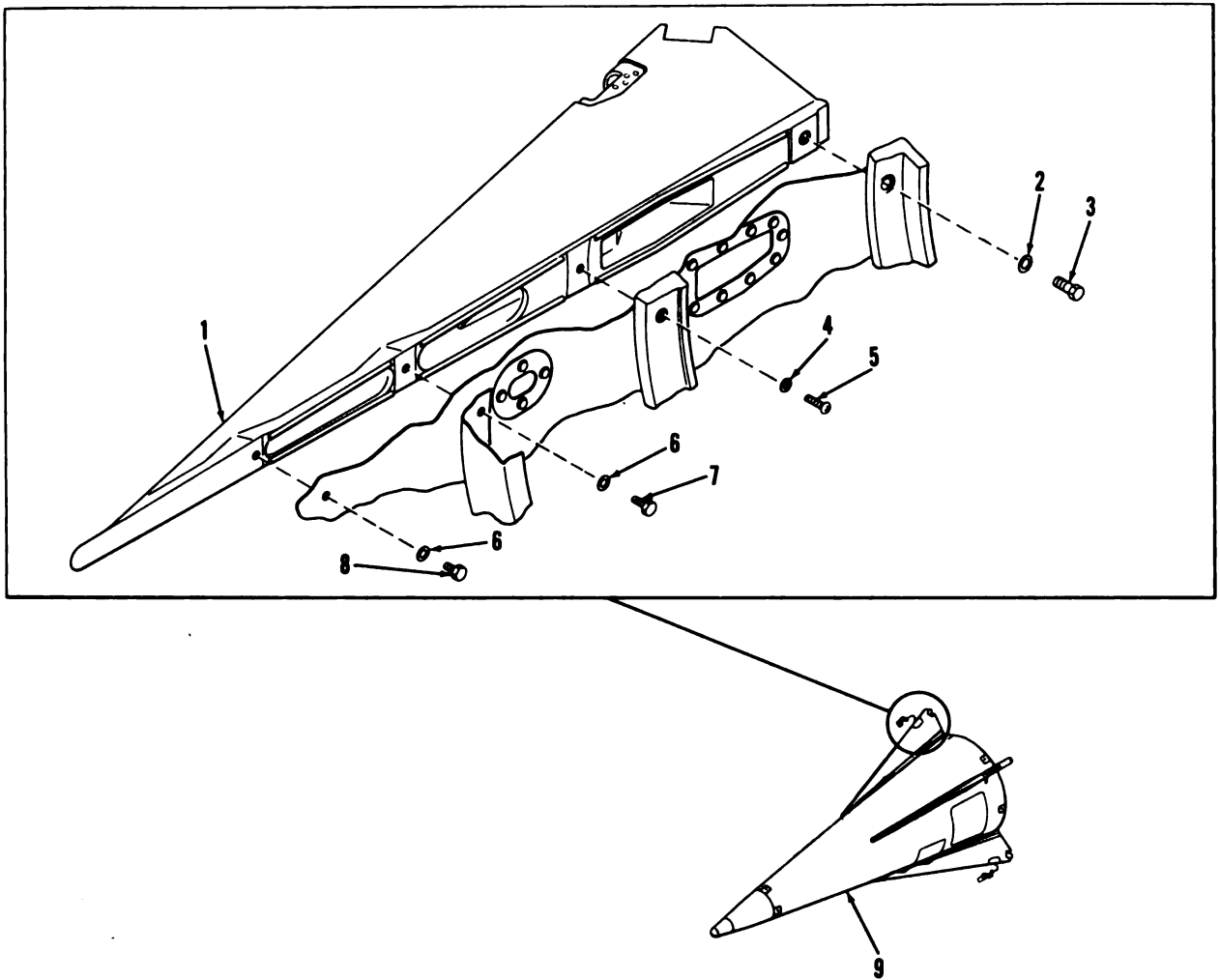
FIGURE 36. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/
/SEE FIGURE 33 FOR NEXT HIGHER ASSEMBLY/



ORD G294684

1 GASKET 9031827.....1	5 WASHER MS35338-42.....4	8 FLANGE 9031568.....1
2 SPRING 9025112.....2	6 SCREW MS25087-2.....4	9 HOSE 9031837.....1
3 HOSE ASSEMBLY 8521884.....1	7 HOSE ASSEMBLY 8521883.....1	10 CLAMP 9018245.....1
4 PACKING 9131381.....4		

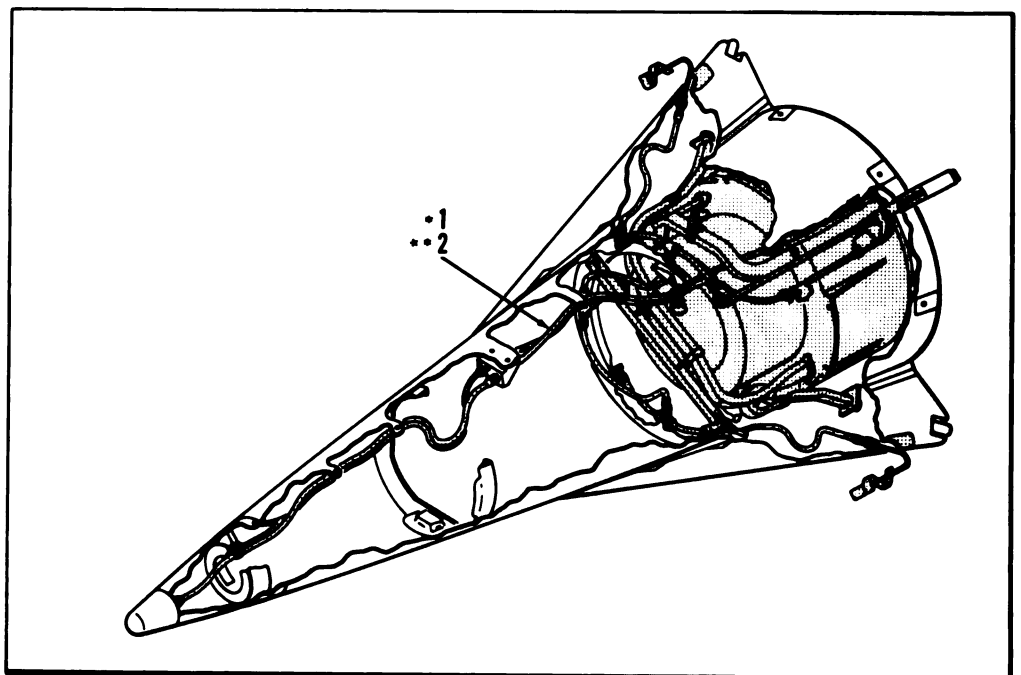
FIGURE 35. GUIDANCE COOLING SYSTEM INSTALLATION, MISSILE SIDE /9031793/
/SEE FIGURE 31 FOR NEXT HIGHER ASSEMBLY/



ORD G336833

1	FIN 9031879.....4	4	WASHER NAS620A416L.....4	8	BOLT AN4-4A.....4
	SEE FIGURE 42 FOR DETAILS	5	SCREW NAS222-14.....4	9	SECTION ASSEMBLY 8530476.....1
2	WASHER AN960-616L.....4	6	WASHER NAS960-416L.....8		SEE FIGURE 43 FOR DETAILS
3	BOLT AN6-10A.....4	7	BOLT AN4-5A.....4		

FIGURE 34. BODY ASSEMBLY, FORWARD /8530475 AND 9979604/

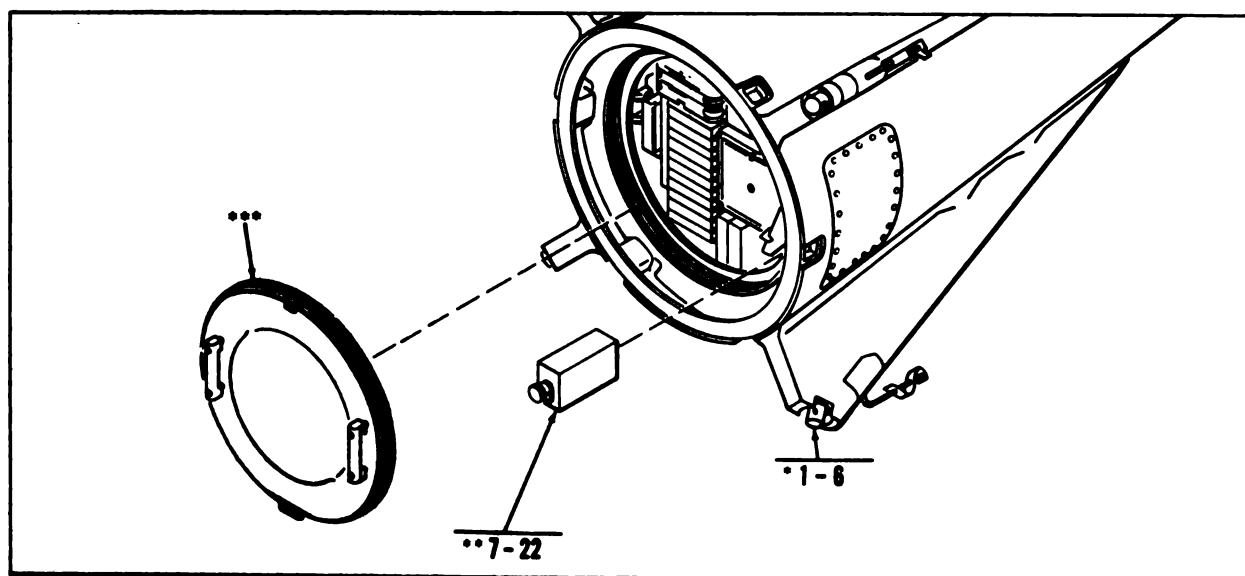


ORD G294682

- 1 EQUIPMENT INSTALLATION
9020575.....1
SEE FIGURE 36 FOR DETAILS
- 2 EQUIPMENT INSTALLATION
9979613.....1
SEE FIGURE 36 FOR DETAILS

* FOR BODY ASSEMBLY 8530475
** FOR BODY ASSEMBLY 9979608

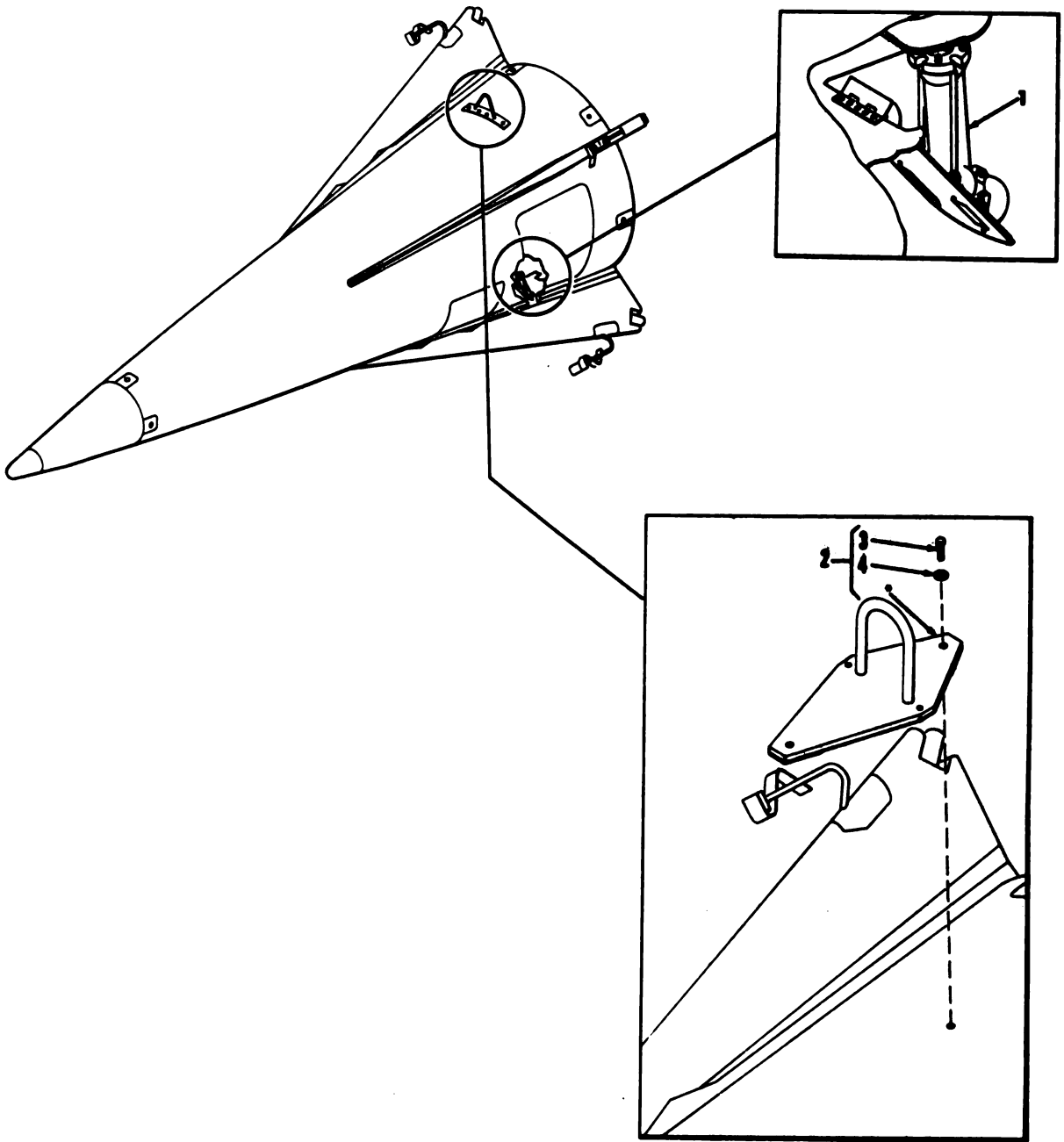
FIGURE 33. BODY ASSEMBLY, FORWARD /8530475 AND 9979608/



ORU G336832

1 HORN 8520831.....4	11 DELAY LINE 9007616.....1	21 DELAY LINE 9007626.....1
2 HORN 8520832.....4	12 DELAY LINE 9007617.....1	22 DELAY LINE 9007627.....1
3 HORN 8520833.....4	13 DELAY LINE 9007618.....1	
4 HORN 8520834.....4	14 DELAY LINE 9007619.....1	
5 HORN 8520835.....4	15 DELAY LINE 9007620.....1	
6 HORN 8520836.....4	16 DELAY LINE 9007621.....1	
7 DELAY LINE 9007574.....1	17 DELAY LINE 9007622.....1	
8 DELAY LINE 9007613.....1	18 DELAY LINE 9007623.....1	
9 DELAY LINE 9007614.....1	19 DELAY LINE 9007624.....1	
10 DELAY LINE 9007615.....1	20 DELAY LINE 9007625.....1	
		* SELECT FOR USE WITH TRANSPONDER 10666973
		** MAY BE ONE OF ANY LISTED
		*** COMPONENT OF TRANSPONDER 10666973

FIGURE 32. BODY ASSEMBLY, FORWARD /R530475 AND 9979609/

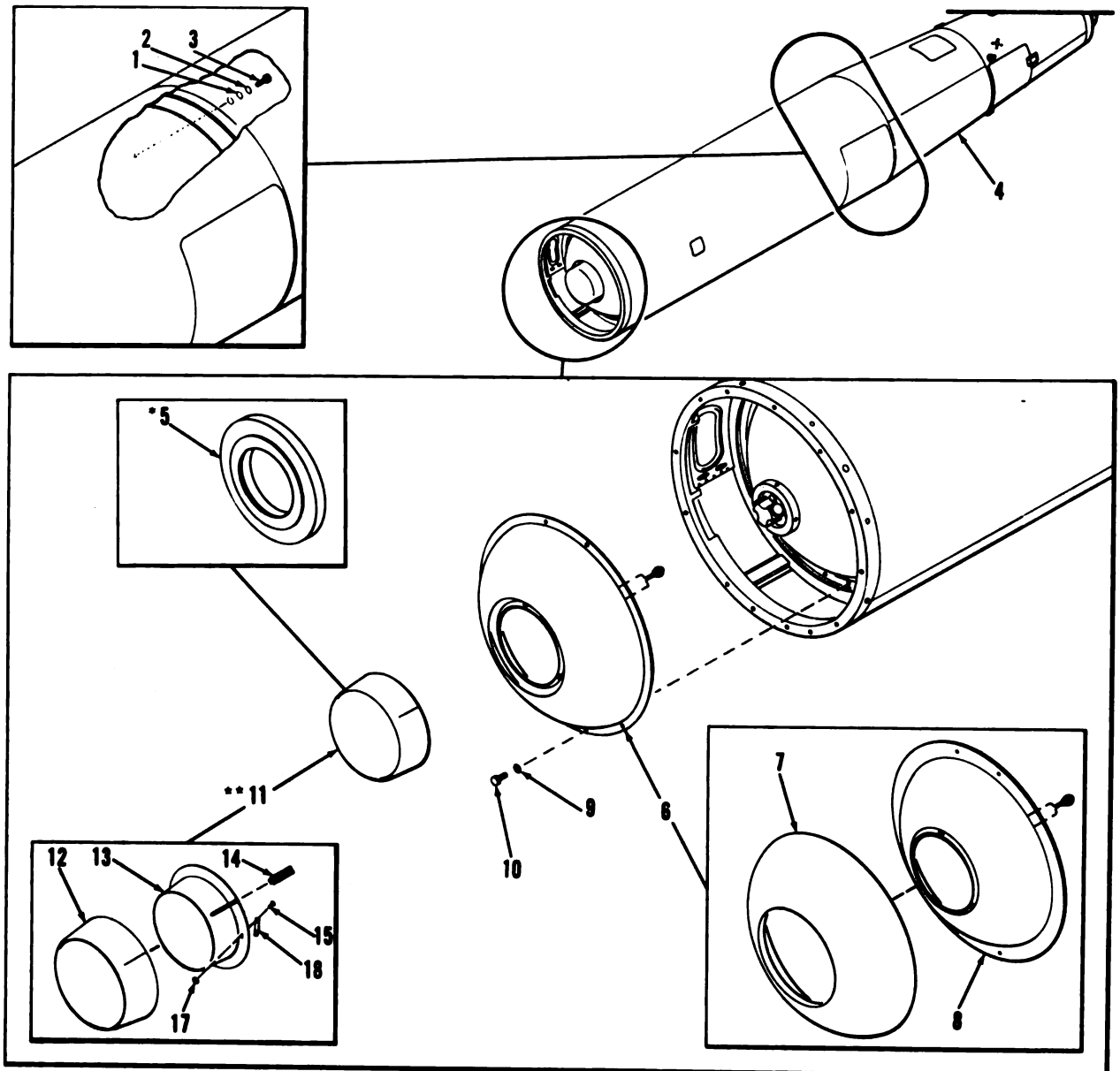


ORD G294681

- 1 GUIDANCE COOLING SYSTEM
9031793.....1
SEE FIGURE 35 FOR DETAILS
- 2 ADAPTER 9028292.....1
 - 1 SCREW MS90726-9.....2
 - 4 WASHER MS27183-10.....2

* COMPONENT OF ITEM 2

FIGURE 31. BODY ASSEMBLY, FORWARD /8530475 AND 9979608/
/SEE FIGURE 29 FOR NEXT HIGHER ASSEMBLY/



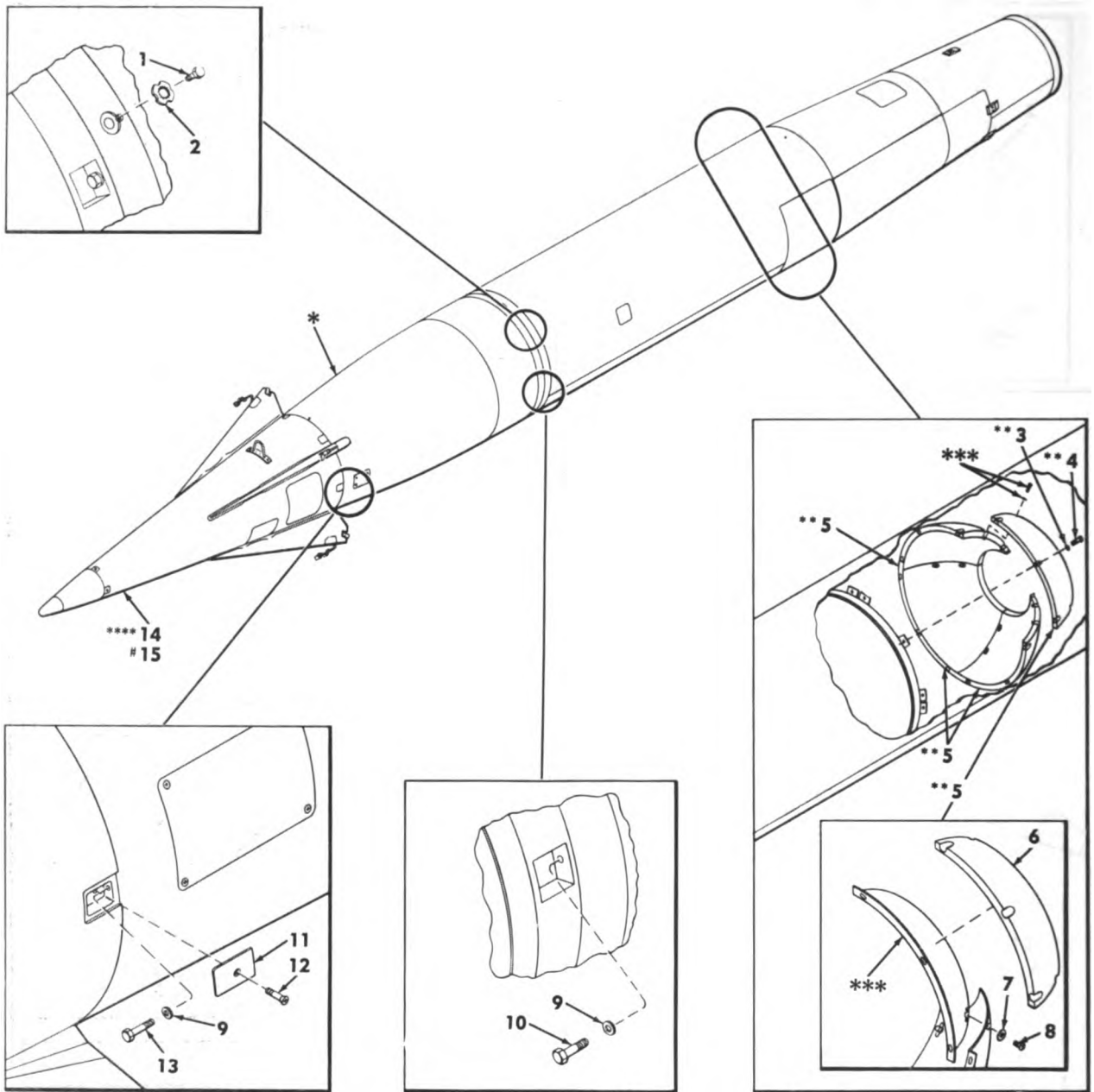
ORD G294680

1 WASHER 9032063.....8
 2 WASHER 51521.....9
 3 BOLT AN7-13A.....8
 4 BODY ASSEMBLY 902R293.....1
 SEE FIGURE 48 FOR DETAILS
 5 INSULATOR ASSEMBLY 9978376.....1
 6 HEATING ELEMENT 9032056.....1
 7 INSULATOR 9028070.....1
 8 HEATER 9030305.....1

9 WASHER NAS549-4.....4
 10 BOLT AN177-5A.....4
 11 INSULATION 9032022.....1
 12 INSULATOR 9032094.....1
 13 CAP 9032022-3.....1
 14 RUBBER CHANNEL 9032066.....*
 15 RIVET MS20470A3-3.....6
 16 CLIP 9032022-9.....3
 17 WASHER AN960PD3.....6

* FOR SHIPPING KIT 8530406 AND 9979611 WITH SERIAL NO. 17056 AND UP
 ** FOR SHIPPING KIT 8530406 AND 9979611 WITH SERIAL NO. 14965-17055

FIGURE 30. SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/

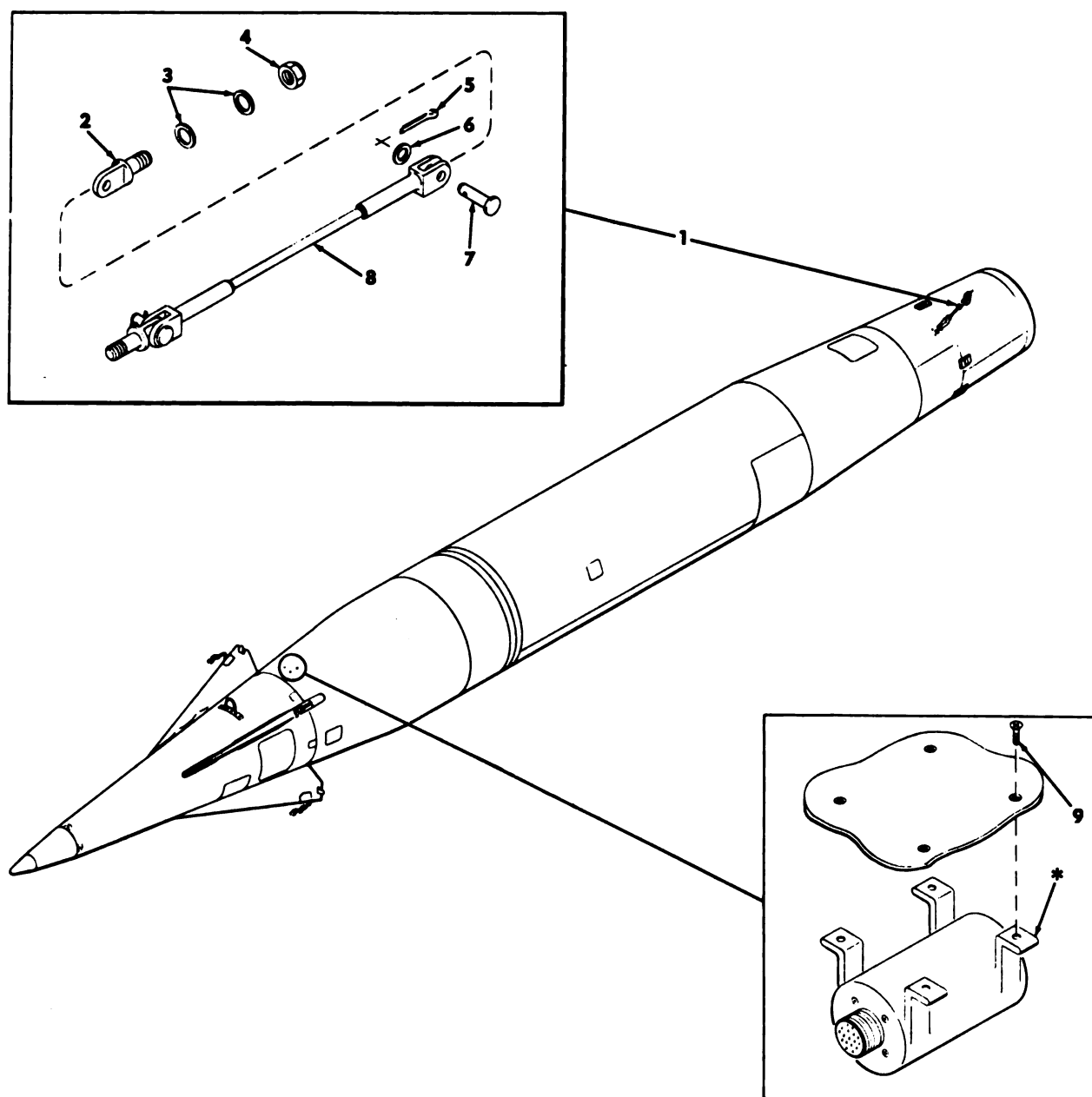


MI 39348

1	SCREW 9028421.....	4	9	WASHER AN960C516L.....	19
2	RETAINER 9028422.....	4	10	BOLT AN5-7A.....	13
3	WASHER AN960-10L.....	12	11	COVER 9031264.....	6
4	SCREW MS35207-262.....	12	12	SCREW MS24694S63.....	6
5	SUPPORT ASSEMBLY-INSULATOR		13	BOLT AN5-6A.....	6
	9030306.....	4	14	BODY ASSEMBLY 8530475.....	1
6	INSULATION BLANKET		15	SEE FIGURE 31 FOR DETAILS	
	9028117.....	1		BODY ASSEMBLY 9979608.....	1
7	WASHER AN960PD3L.....	2		SEE FIGURE 31 FOR DETAILS	
8	SCREW MS35206-228.....	2			

* COMPONENT OF SHIPPING KIT
8530401
** FOR SERIAL NO. 14965-15105
*** COMPONENT OF ITEM 5
**** FOR SHIPPING KIT 8530406
FOR SHIPPING KIT 9979611

FIGURE 29. SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/



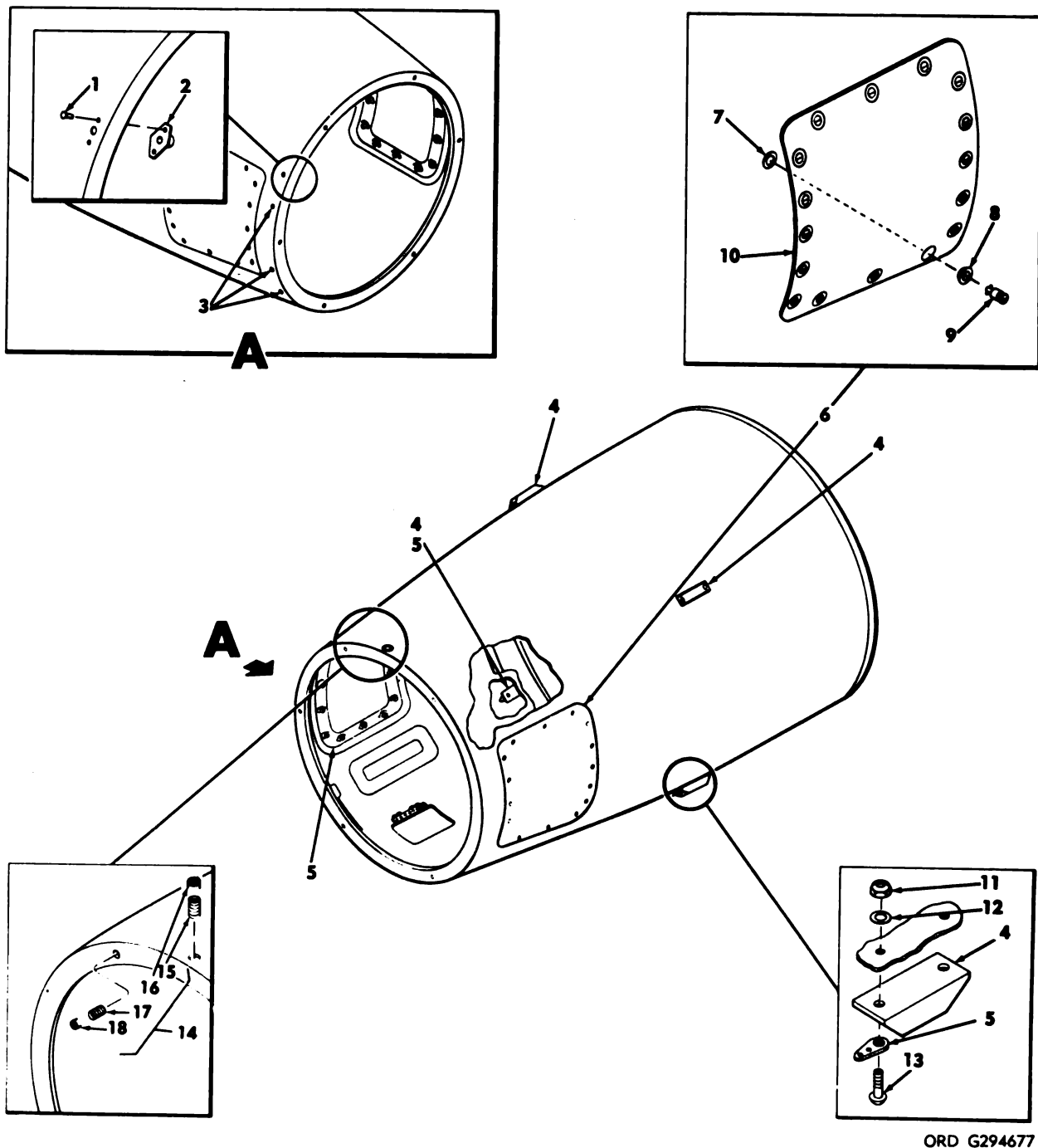
ORD G339300

1 WIRE ROPE ASSEMBLY
9020525.....1
2 BOLT AN478C6A.....2
3 WASHER AN960PD416.....2
4 NUT MS21044N4.....1
5 PIN MS24665-149.....2

6 WASHER AN960-10L.....2
7 PIN MS20392-2C17.....2
8 WIRE ROPE ASSEMBLY
9020524.....1
9 SCREW MS24693S275.....4

* COMPONENT OF MISSILE
GUIDANCE SET
9149099 AND 10666975

FIGURE 28. SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/
/SEE FIGURE 13 FOR NEXT HIGHER ASSEMBLY/



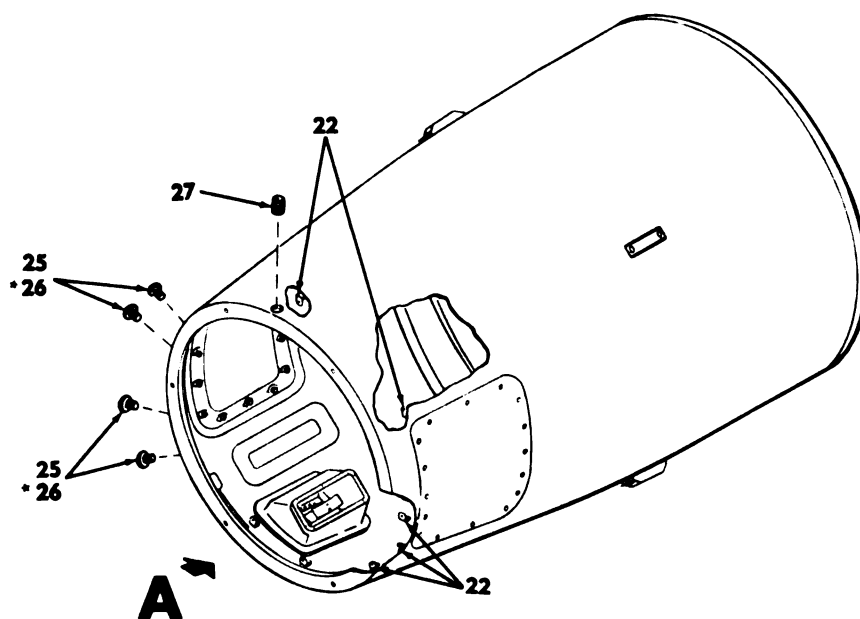
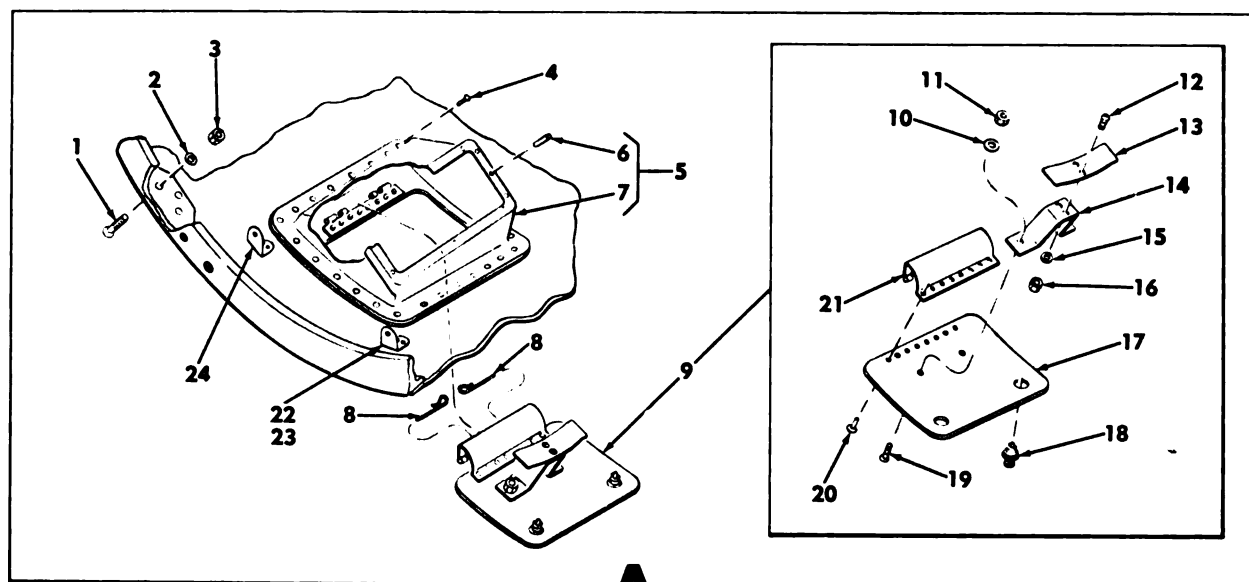
ORD G294677

1 RIVET MS20426AD3-9.....8
 2 NUT NAS1473A4.....4
 3 SCREW MS24694S100.....4
 4 BRACKET AS29417.....4
 5 NUT NAS46370D416.....2
 6 COVER ASSEMBLY 9033035.....2
 7 RING 10611505-1.....16

8 EYFLET 10611506.....16
 9 STUD ASSEMBLY 8485513.....16
 10 COVER PLATE 9033353.....1
 11 NUT MS21044N4.....8
 12 WASHER AN960PD416L.....8
 13 SCREW NAS222-13.....8

14 FRAME ASSEMBLY 8521059.....1
 15 INSERT 9020635.....1
 16 RING 9020631.....1
 17 INSERT 9018457.....6
 18 RING 10606512-3.....6

FIGURE 27. STRIKEUP ASSEMBLY-WARHEAD, FORWARD /9032830/

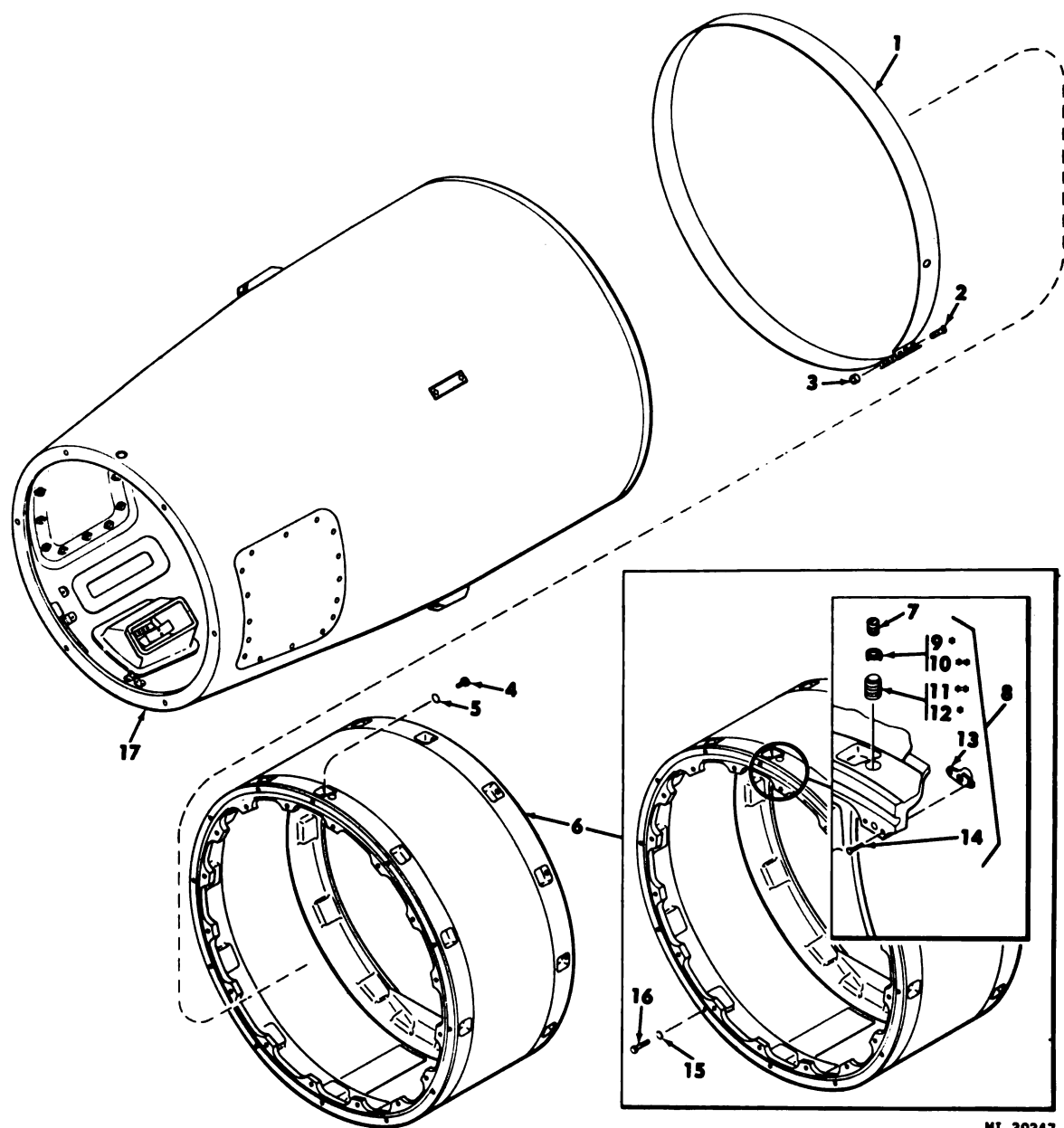


ORD G294676

1	SCREW MS24694S56.....6	12	SCREW MS51957-43.....2	22	BRACKET #019893.....6
2	WASHER AN960PD10L.....8	13	CLIP 8522198.....1	23	RIVET MS20426AD4-8.....12
3	NUT MS21042L3.....8	14	SUPPORT 8522197.....1	24	BRACKET 9019758.....1
4	RIVET MS20426B6-12.....47	15	WASHER AN960D8L.....2	25	SETSCREW MS51966-65.....4
5	SUPPORT ASSEMBLY 9030684.....1	16	NUT MS21042L08.....2	26	SETSCREW MS51023-66.....4
6	PIN MS16562-39.....1	17	DOOR 9025691.....1	27	PLUG 9978716.....1
7	SUPPORT 9032346.....1	18	STUD ASSEMBLY		
8	PIN 9031869.....2		9033575.....2		
9	DOOR ASSEMBLY 9031223.....1	19	SCREW MS24694S49.....2		
10	WASHER AN960PD10L.....2	20	RIVET MS20426AD4-7.....8		
11	NUT MS21042L3.....2	21	LEAF 9025961.....1		

* FOR NON COUNTERSUNK HOLES

FIGURE 26. STRUCTURE ASSEMBLY-WARHEAD, FORWARD /9032830/
/SEE FIGURE 25 FOR NEXT HIGHER ASSEMBLY/



MI 39347

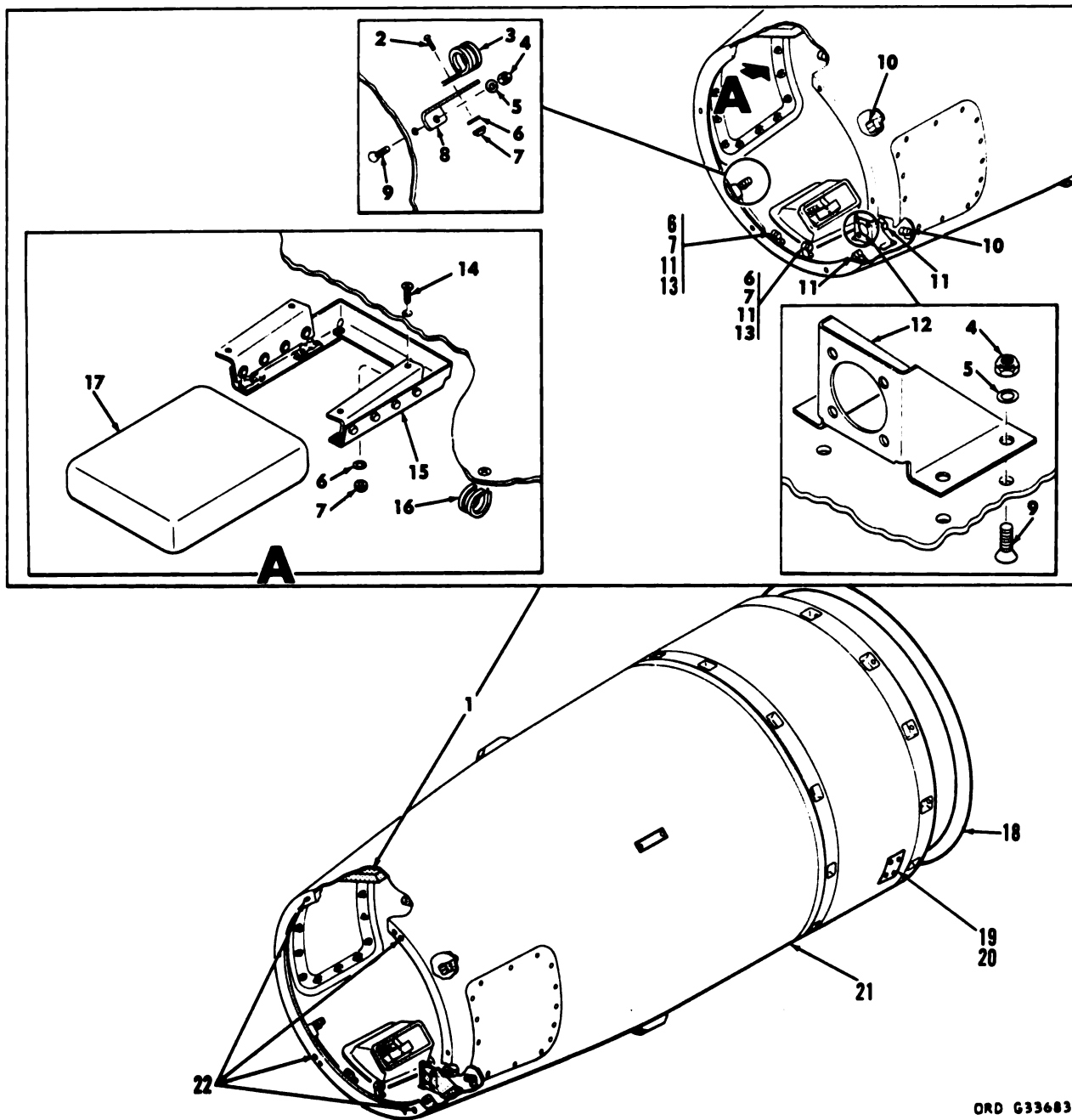
1 COVER ASSEMBLY 9019865.....1
 2 SCREW MS24694550.....1
 3 NUT 8165693.....1
 4 BOLT AN5-10A.....12
 5 WASHER AN940-516.....12
 6 STRUCTURE ASSEMBLY
 8521045.....1
 7 PLUG 9978716.....1
 8 FRAME 9019545.....1

9 RING 9020631.....1
 10 RING 9020583.....1
 11 INSERT 9020607.....1
 12 INSERT 9020635.....1
 13 NUT MS21059L6.....16
 14 RIVET MS2042684-
 12.....32
 15 WASHER AN960C616L.....16
 16 SCREW MS90726-64.....16

17 STRUCTURE ASSEMBLY
 9032830.....1
 SEE FIGURE 26 FOR DETAILS

* FOR SERIAL NO. 14965-16074
 ** FOR SERIAL NO. 16075 AND UP

FIGURE 25. SECTION ASSEMBLY, WARHEAD /8521050/
 /SEE FIGURE 24 FOR NEXT HIGHER ASSEMBLY/



ORD G336830

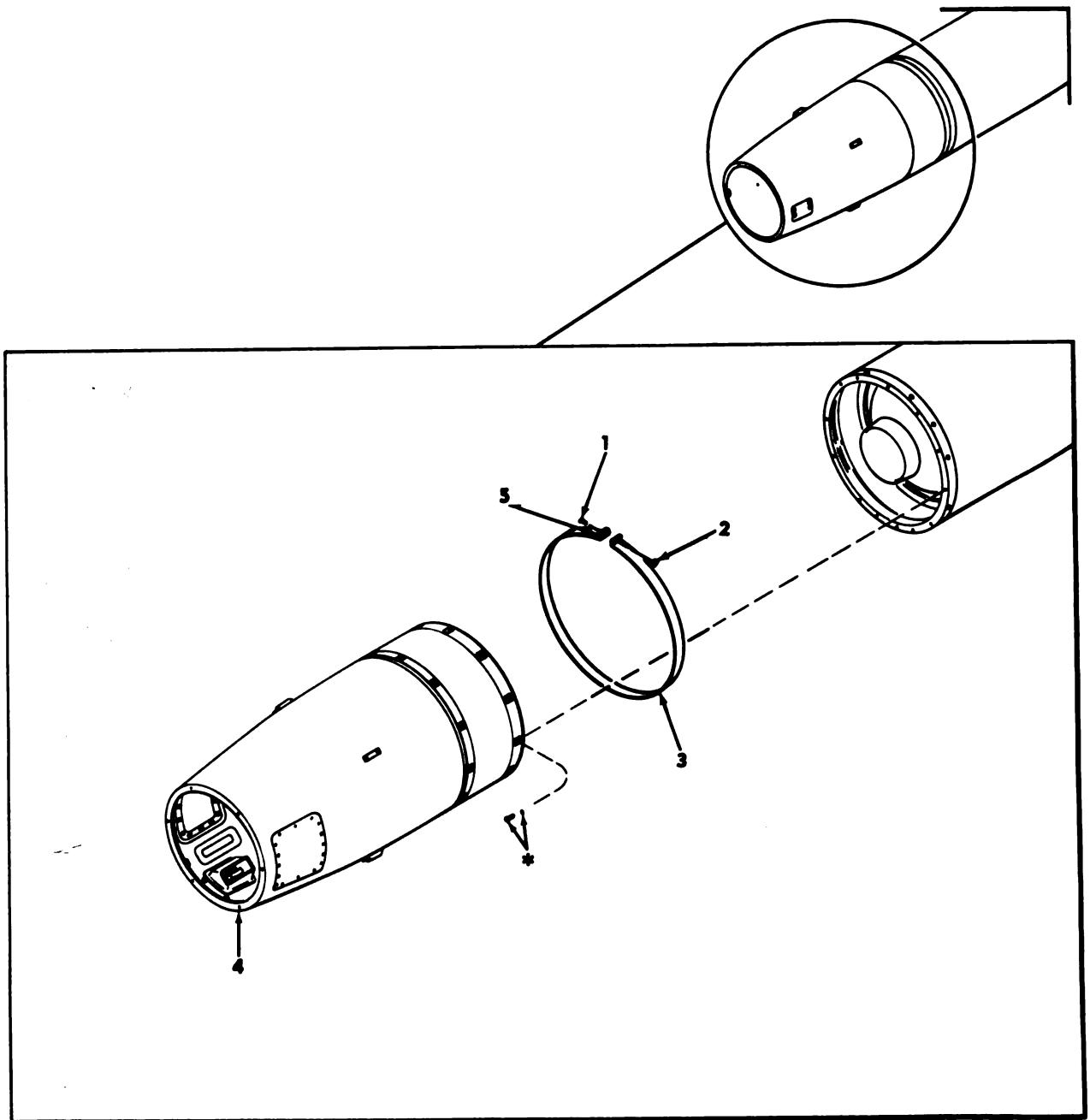
1 EQUIPMENT INSTALLATION

1	8530404.....	1
2	SCREW MS35206-249.....	6
3	CLAMP MS21919WDG12.....	1
4	NUT MS21083N3.....	5
5	WASHER AN960-10L.....	5
6	WASHER AN960-8L.....	12
7	NUT MS21083NOR.....	12
8	BRACKET 90303A1.....	1
9	SCREW MS246935272.....	5

10	CLAMP MS21919WDG7.....	2
11	CLAMP MS21919WDG6.....	4
12	BRACKET 8530432.....	1
13	SCREW MS35206-244.....	2
14	SCREW MS24693550.....	4
15	BRACKET 8164751.....	1
16	CLAMP MS21919WDG8.....	1
17	INSULATION BLANKET 8164765.....	1

18	PACKING 8169156.....	1
19	PLATF 8921047.....	1
20	RIVET MS20426A4-5.....	4
21	SECTION ASSEMBLY 8921050.....	1
22	SEE FIGURE 25 FOR DETAILS	
22	SCREW MS35206-260.....	4

FIGURE 24. BODY SECTION, CENTER, GUIDED MISSILE, M135 /9032497/
/SEE FIGURE 23 FOR NEXT HIGHER ASSMRLY/

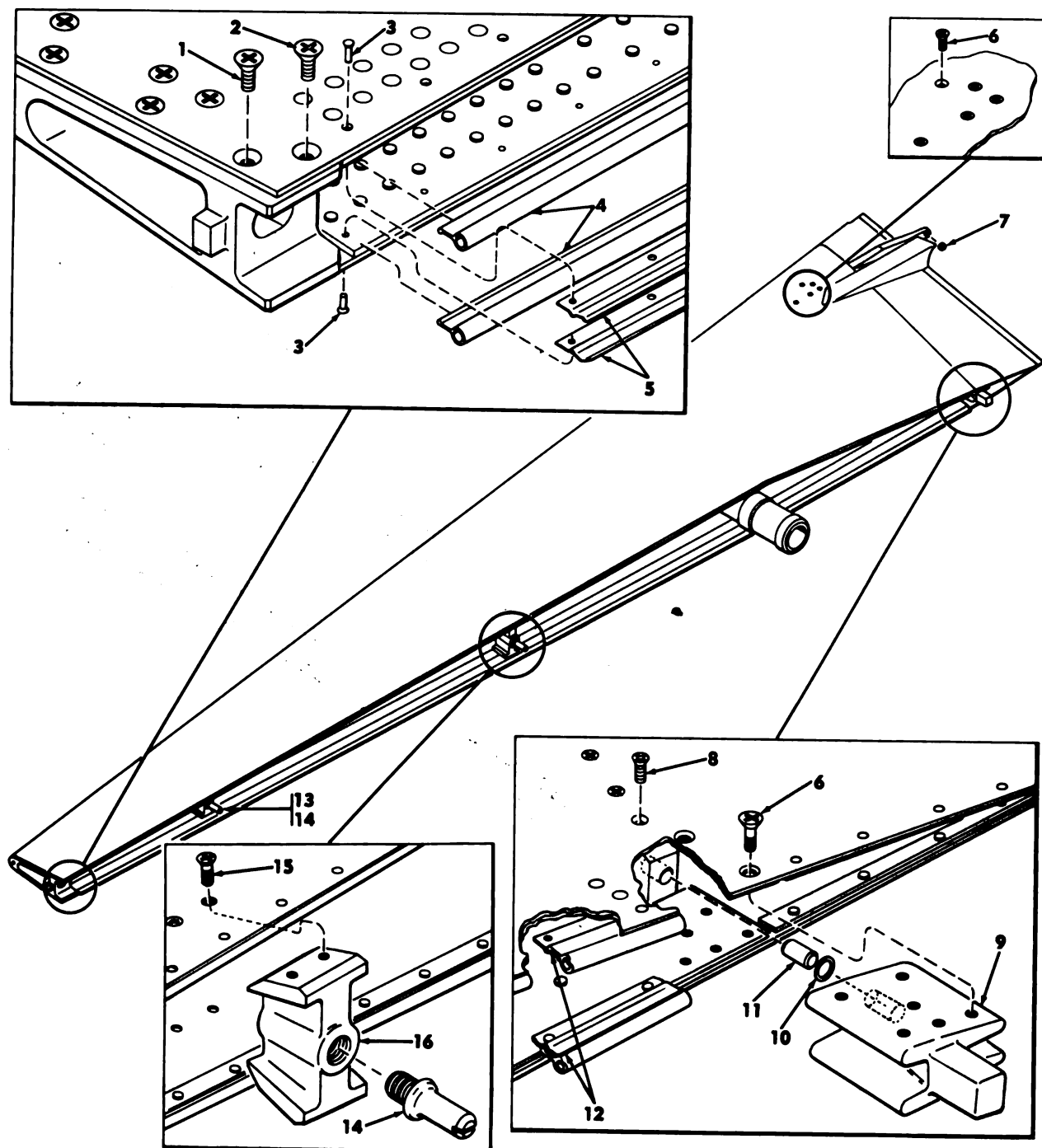


MI 39346

- 1 SCREW MS24694S50.....1
- 2 NUT #165693.....1
- 3 COVER ASSEMBLY 9019866.....1
- 4 BODY SECTION 9032497.....1
- SEE FIGURE 24 FOR DETAILS
- 5 RIVET MS20426AD4-5.....4

• COMPONENT OF SHIPPING KIT
8530406 AND 9979611

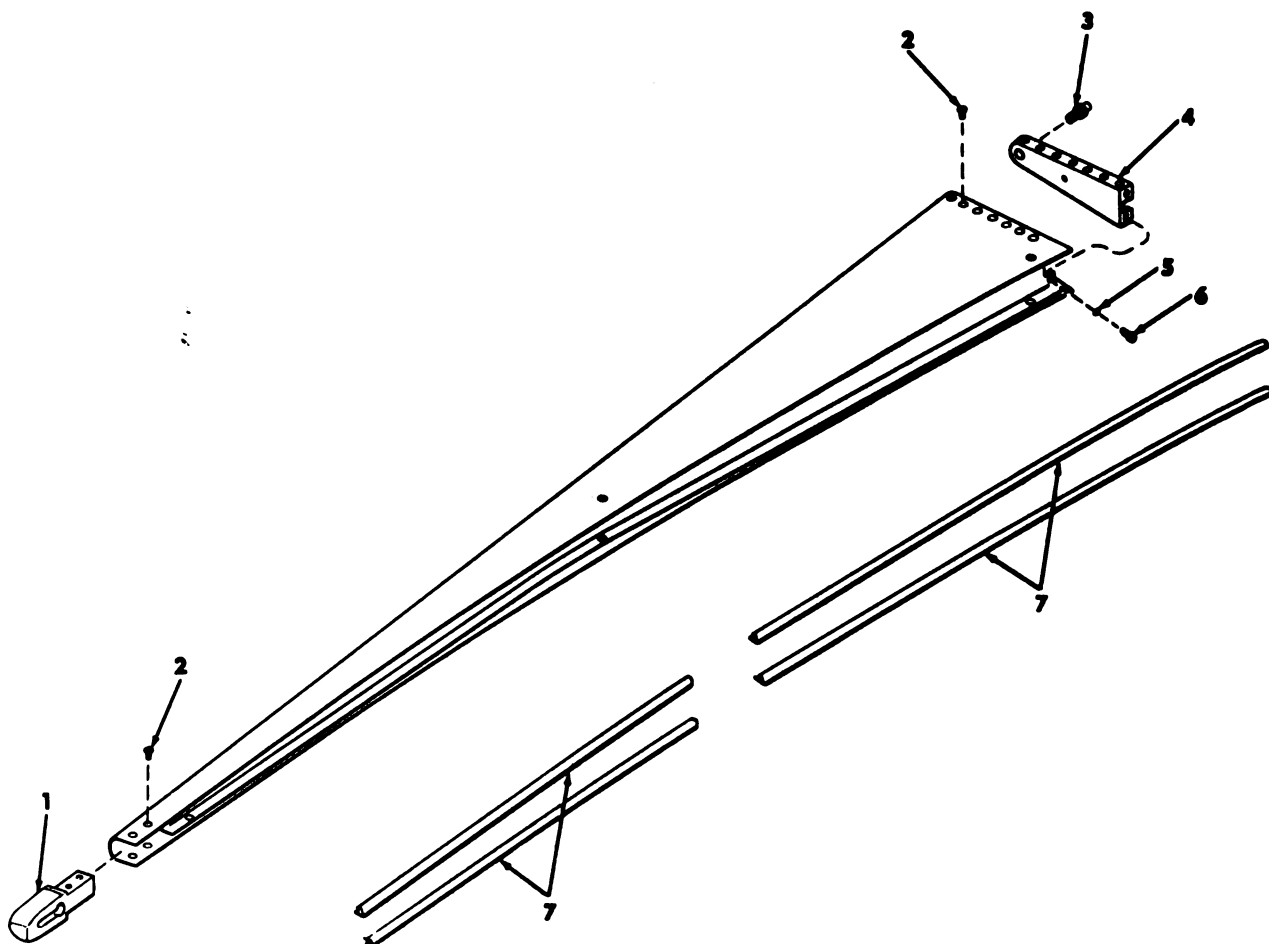
FIGURE 23. SHIPPING KIT, WARHEAD ASSEMBLY /8530401/
/SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/



ORD G336829

1 SCREW MS24694S93.....12	8 SCREW R014574.....30	15 SCREW MS24694S50.....8
2 SCREW AN509-416R5.....2	9 FITTING R530982.....1	16 FITTING 9032642.....1
3 RIVET MS20426AD3-7.....76	10 WASHER MS15795-713.....1	
4 NONMETALLIC 9028327.....2	11 PIN 595195.....1	
5 RETAINER SEAL 9028382.....2	12 RETAINER SEAL 9028381.....2	
6 SCREW MS24694S94.....100	13 FITTING 9032643.....1	
7 BEARING L555MTLG3278.....1	14 BOLT 9028297.....2	

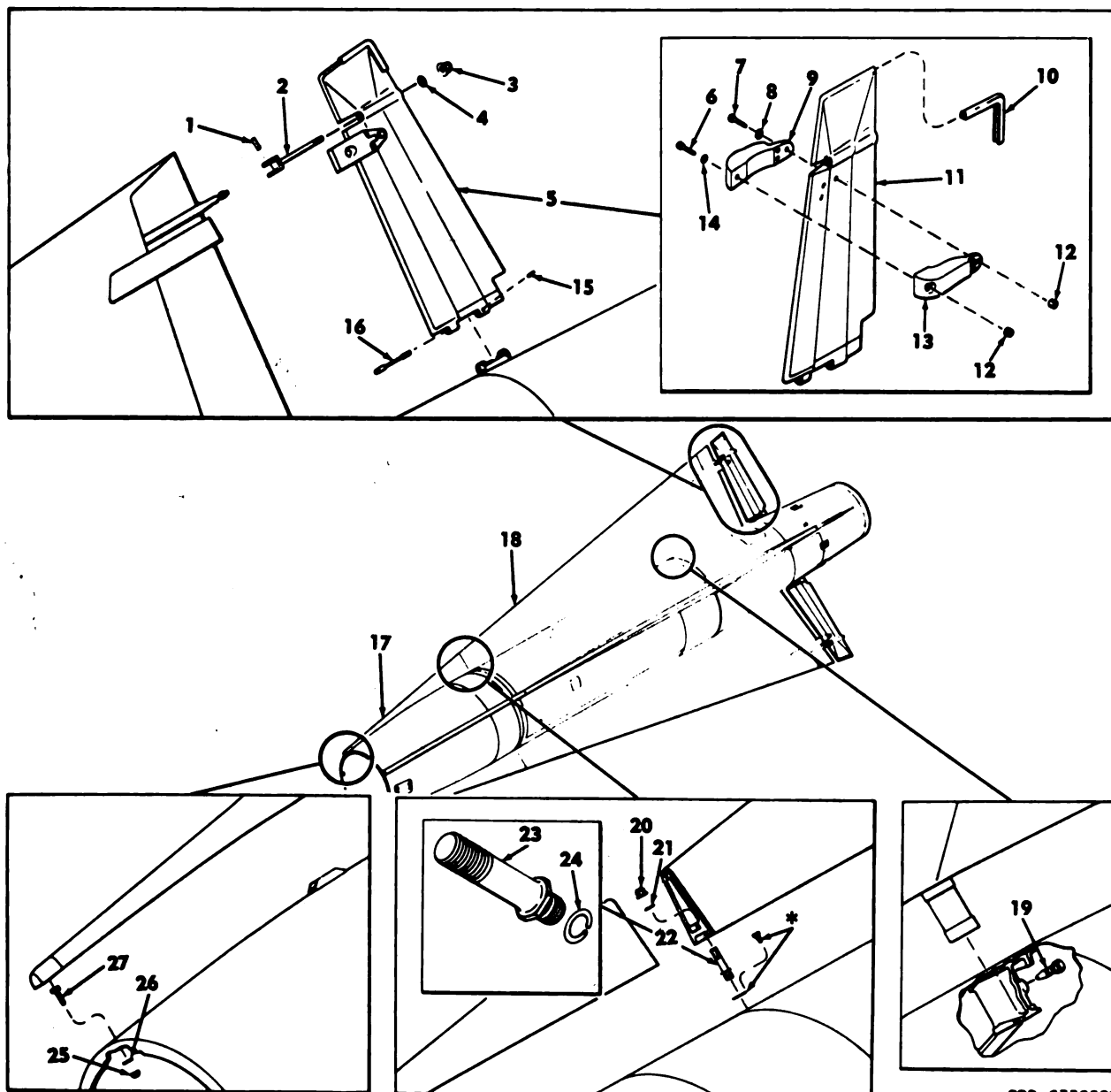
FIGURE 22. FIN, STRUCTURE ASSEMBLY /9028313/
/SEE FIGURE 20 FOR NEXT HIGHER ASSEMBLY/



ORD G294671

1	FITTING 907A914.....	1
2	SCREW A014574.....	10
3	PIN 0162A28.....	1
4	FITTING 0522148.....	1
5	WASHER 4515795-A08.....	2
6	BOLT AN36.1A.....	2
7	NONMETALLIC 902A326.....	8

FIGURE 21. PIN, STABILIZER /0521061/
/SEE FIGURE 20 FOR NEXT HIGHWAY ASSEMBLY/

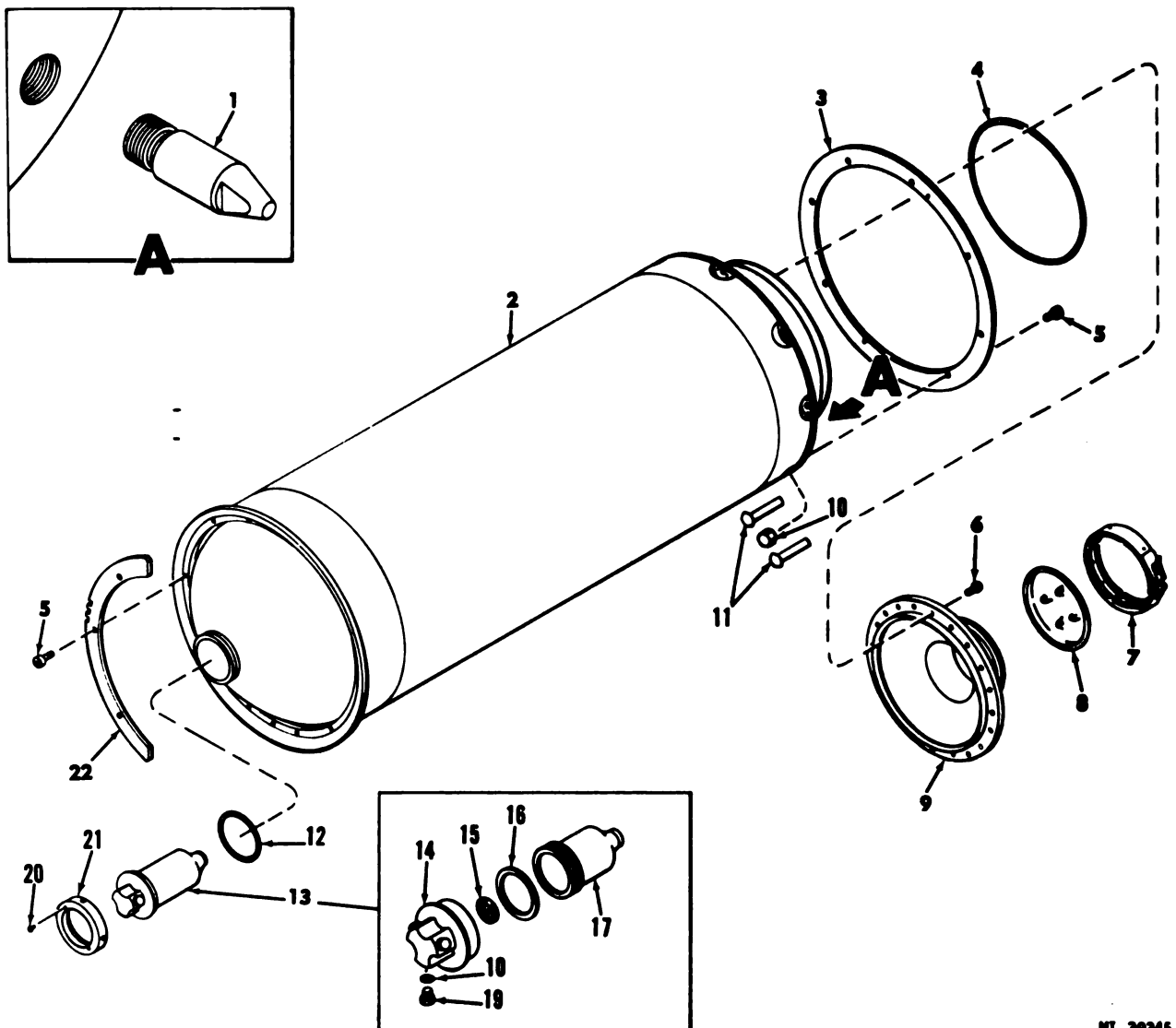


ORD 6339299

1 PIN 9032609.....4	14 WASHER AN960-416.....1	23 STUD 8162429.....1
2 CLEVIS 9032610.....4	15 PIN 593763.....4	24 RING 9018710.....1
3 NUT 8168351.....4	16 PIN 8162642.....4	25 NUT MS21042L3.....4
4 WASHER AN960-616L.....4	17 FIN 8521061.....4	26 WASHER AN960-516L.....4
5 FIN 8524287.....4	SEE FIGURE 21 FOR DETAILS	27 BOLT 9979234.....4
6 BOLT AN4-24A.....1	18 FIN 9028313.....4	
7 BOLT AN4-17A.....3	SEE FIGURE 22 FOR DETAILS	
8 WASHER AN960-416.....3	19 SETSCREW 9025007.....4	
9 WEIGHT 8521084.....1	20 NUT 8526034.....4	
10 RUBBER 9028424.....1	21 WASHER AN960PD1016.....4	
11 FIN 9032416.....1	22 STUD AND RING ASSEMBLY	
12 NUT MS21044N4.....4	9019830.....4	
13 WEIGHT 8521083.....1		

* COMPONENT OF SHIPPING KIT
8530406

FIGURE 20. SHIPPING KIT, MAIN FINS /INSTALLED/ /9028319/
/SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/



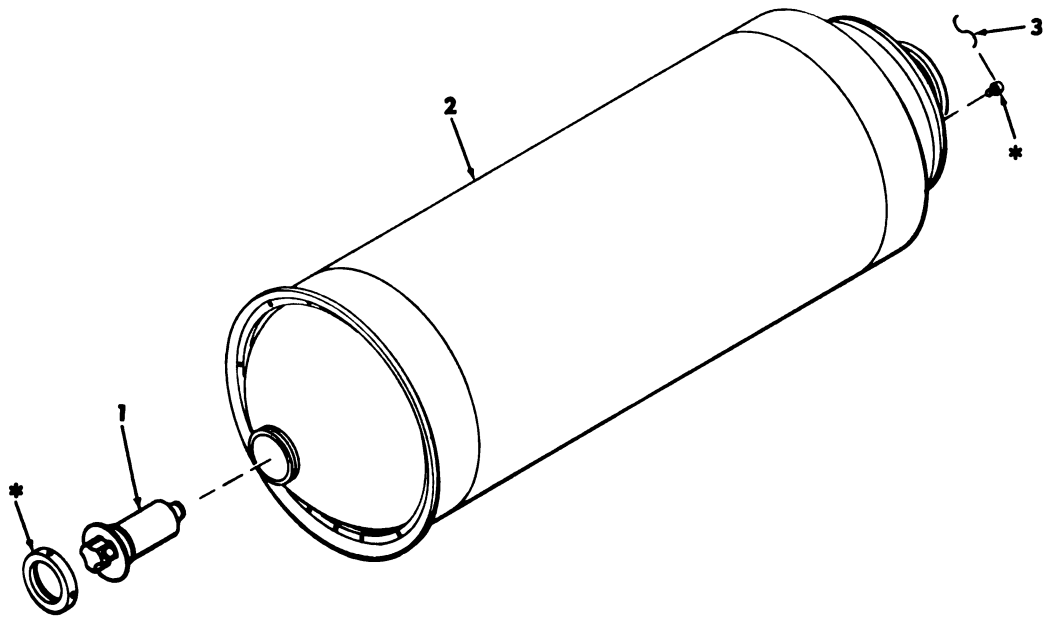
MI 39345

1 PIN 80341R5.....2
2 CASE ASSEMBLY 10228114.....1
3 RING 8034274.....1
4 GASKET 80341R6.....1
5 SCREW MS16998-96.....14
6 BOLT NAS1490H1R.....20
7 COUPLING 8034196.....1
8 COVER 8030879.....1
9 ADAPTER ASSEMBLY 8034187.....1

10 NUT 8030114.....8
11 RIVET MS20427-4C9.....16
12 GASKET 8034210.....1
13 GAS GENERATOR ASSEMBLY
10602063.....1
14 HEAD 10602052.....1
15 RETAINER ASSEMBLY
10602059.....1

16 GASKET 10602057-2.....1
17 CASE 10602050.....1
18 GASKET 8034443.....3
19 PLUG 8034214.....3
20 SETSCREW AN5450428H10.....2
21 RING 8034210.....1
22 RING 8034511.....2

FIGURE 19. CASE AND ADAPTER ASSEMBLY /10228126/
/SEE FIGURE 17 FOR NEXT HIGHER ASSEMBLY/

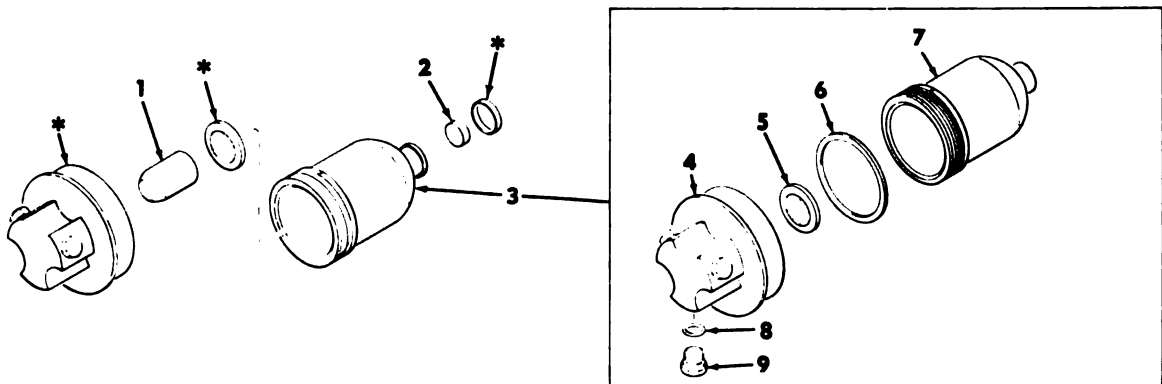


MI 39344

- | | | |
|---|--|-------------------------|
| 1 IGNITER 10602061.....1
SEE FIGURE 18 FOR DETAILS | 2 CASE AND ADAPTER ASSEMBLY
10228126.....1
SEE FIGURE 19 FOR DETAILS | 3 WIRE MS20997-47.....* |
|---|--|-------------------------|

* COMPONENT OF ITEM 2

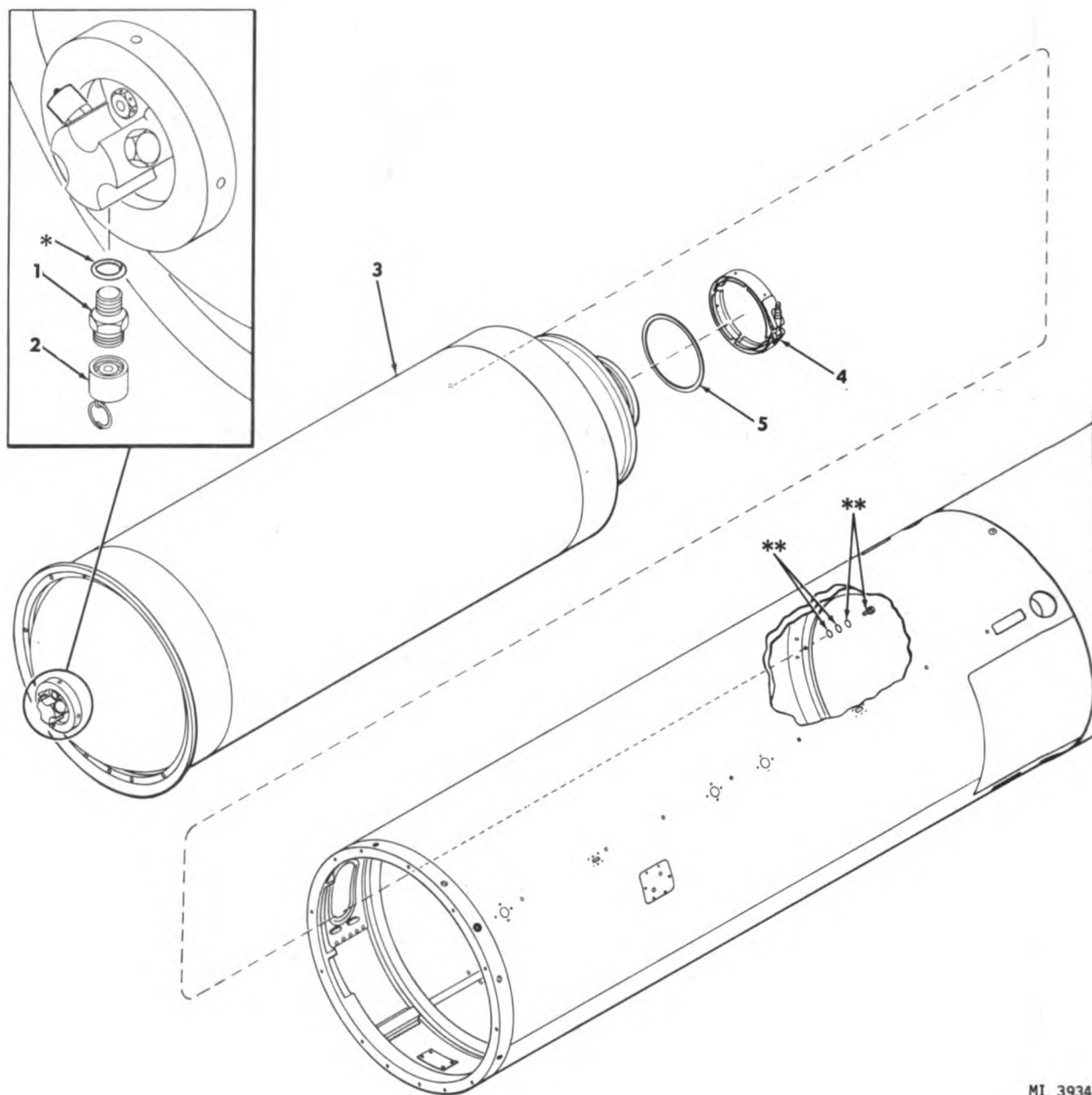
FIGURE 17. ROCKET MOTOR, M30A2 /10228125/
/SEE FIGURE 16 FOR NEXT HIGHER ASSEMBLY/



ORD 6339297

- | | | |
|---|---------------------------------------|------------------------|
| 1 PELLET CHARGE ASSMRLY
10602060.....1 | 4 HEAD 10602052.....1 | 8 GASKET M034443.....3 |
| 2 CLOSURE NOZZLE 10602056.....1 | 5 RETAINER ASSEMBLY
10602059.....1 | 9 PLUG B034214.....3 |
| 3 GAS GENERATOR ASSMRLY
10602063.....1 | 6 GASKET 10602057-2.....1 | |
| | 7 CASE 10602050.....1 | * COMPONENT OF ITEM 3 |

FIGURE 18. IGNITER, ROCKET MOTOR, M72 /10602061/
/SEE FIGURE 17 FOR NEXT HIGHER ASSEMBLY/



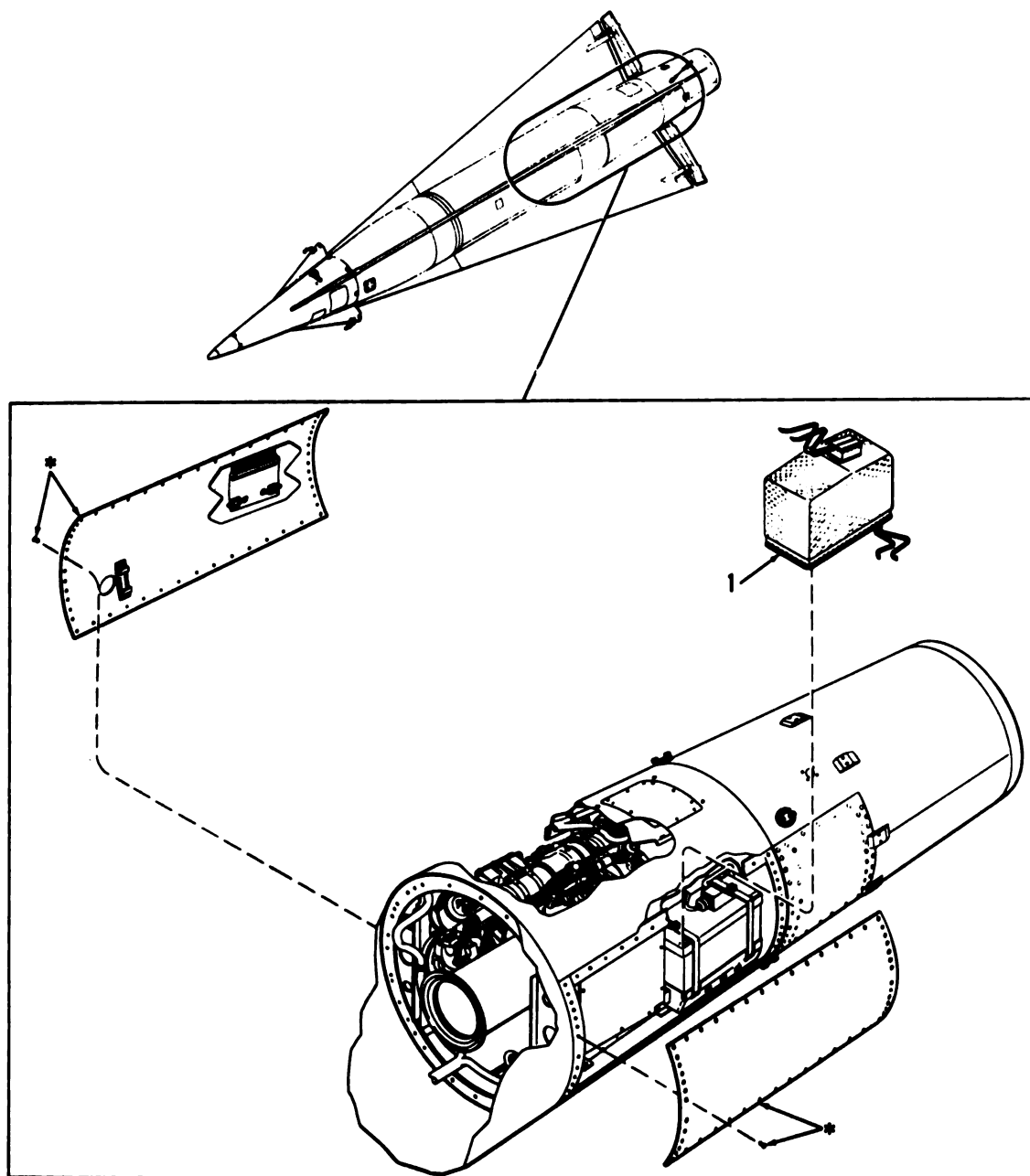
MI 39343

1 SQUIB 8034326.....2
 2 CAP ASSEMBLY 8031006.....2
 3 ROCKET MOTOR 1022R125.....1
 SEE FIGURE 17 FOR DETAILS

4 COUPLING 8034196.....1
 5 PACKING WITH RETAINER
 8034430.....1

* COMPONENT OF ITEM 3
 ** COMPONENT OF SHIPPING KIT
 8530406 AND 9979611

FIGURE 16. CASE AND ADAPTER ASSEMBLY INSTALLATION /INSTALLED/ /8521095/
 /SEE FIGURE 11 FOR NEXT HIGHER ASSEMBLY/

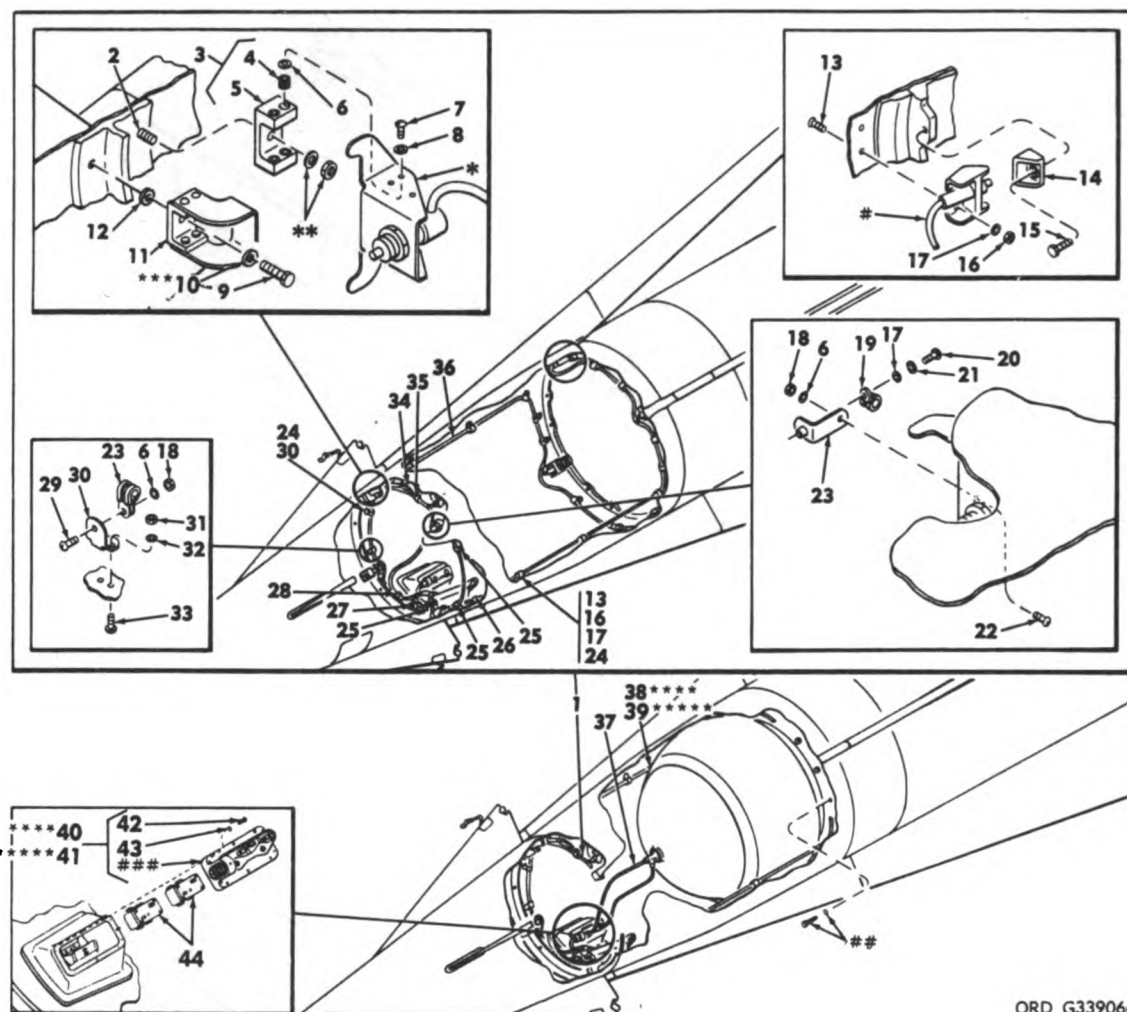


ORD G337433

1 INSULATION BLANKET
9028435.....

• COMPONENT OF BODY SECTION
9019698

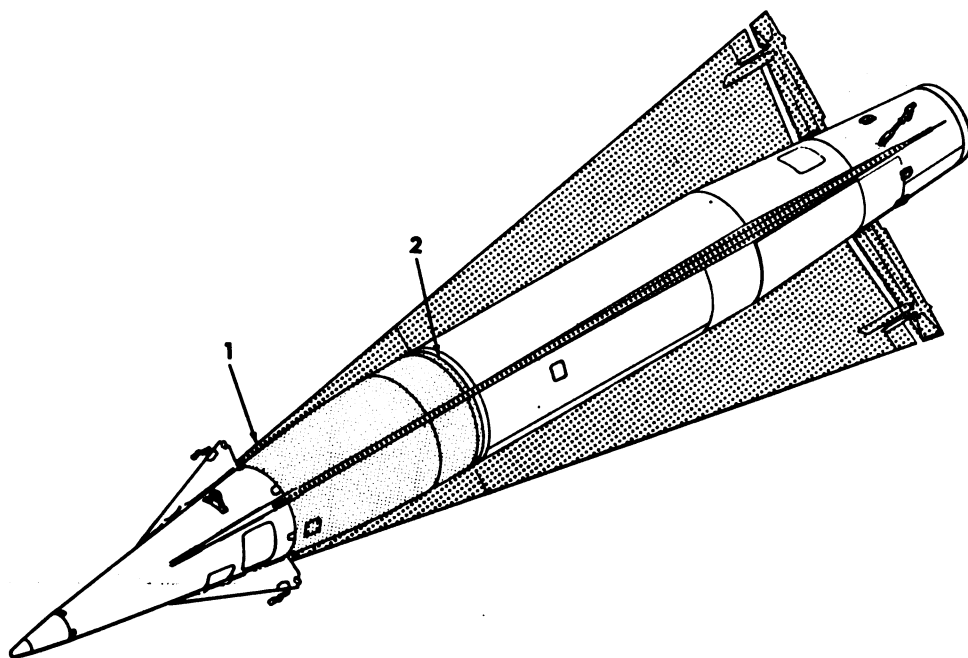
FIGURE 15. WINTERIZATION KIT, GAS TURBINE GENERATOR SET /INSTALLED/ /9019A43/
/SEE FIGURE 11 FOR NEXT HIGHER ASSEMBLY/



ORD G339066

- | | | | | | |
|----|-----------------------------|----|----------------------------|----|-----------------------------------|
| 1 | FAIL SAFE KIT 9020699.....1 | 22 | SCREW MS35206-246.....1 | 38 | WARHEAD 8836017.....1 |
| 2 | BOLT 9019950.....4 | 23 | BRACKET 9028087.....1 | 39 | WARHEAD 8861923.....1 |
| 3 | SUPPORT 9019941.....4 | 24 | CLAMP MS21919WDG4.....16 | 40 | PLATE 8532426.....1 |
| | 4 INSERT | 25 | CLAMP MS21919WDG8.....3 | 41 | PLATE 8030821.....1 |
| | MS21208C0870.....4 | 26 | CLAMP MS21919WDG9.....1 | 42 | SCREW MS39207-264.....10 |
| | 5 SUPPORT 9019943.....1 | 27 | CLAMP MS21919WDG5.....1 | 43 | WASHER MS35338-43.....10 |
| 6 | WASHER AN960-RL.....19 | 28 | CLAMP MS21919WDG7.....1 | 44 | SAFETY AND ARMING DEVICE |
| 7 | SCREW MS16997-31.....16 | 29 | SCRFW MS35206-245.....2 | | 7542841.....2 |
| 8 | WASHER MS35338-42.....16 | 30 | BRACKET 8526770.....2 | | |
| 9 | BOLT AN6-12A.....4 | 31 | NUT MS21044N04.....4 | | * COMPONENT OF ITEM 34 |
| 10 | WASHER MS27183-4.....4 | 32 | WASHER MS27183-4.....4 | | ** COMPONENT OF SHIPPING KIT |
| 11 | BRACKET AND SUPPORT | 33 | SCREW MS2469354.....4 | | 9028319 |
| | 9019965.....4 | 34 | WIRING HARNESS | | *** COMPONENT OF BODY ASSEMBLY, |
| 12 | WASHER MS27183-14.....4 | | 9020714.....1 | | FORWARD 8530480 AND 9028216 |
| 13 | SCREW MS24693C272.....22 | | SEE FIGURE 171, NUMBER 1 | | **** FOR WARHEAD SECTION 595201 |
| 14 | PRESSURE BLOCK | | FOR DETAILS | | ***** FOR WARHEAD SECTION 5952071 |
| | 9020702.....4 | 35 | CLAMP NAS1397R7.....1 | | # COMPONENT OF ITEM 36 |
| 15 | BOLT MS35303-64.....4 | 36 | WIRING HARNESS | | # COMPONENT OF SECTION |
| 16 | NUT MS21087N3.....22 | | 9020715.....1 | | ASSEMBLY 8921050 |
| 17 | WASHER AN960-10L.....23 | | SEE FIGURE 171, NUMBER 25 | | ### COMPONENT OF ITEM 39 |
| 18 | NUT MS21083NOR.....3 | | FOR DETAILS | | |
| 19 | CLAMP MS21919WDG7.....1 | 37 | EXPLOSIVE HARNESS ASSEMBLY | | |
| 20 | SCREW MS39207-261.....1 | | 8850255.....1 | | |
| 21 | WASHER MS35338-43.....1 | | | | |

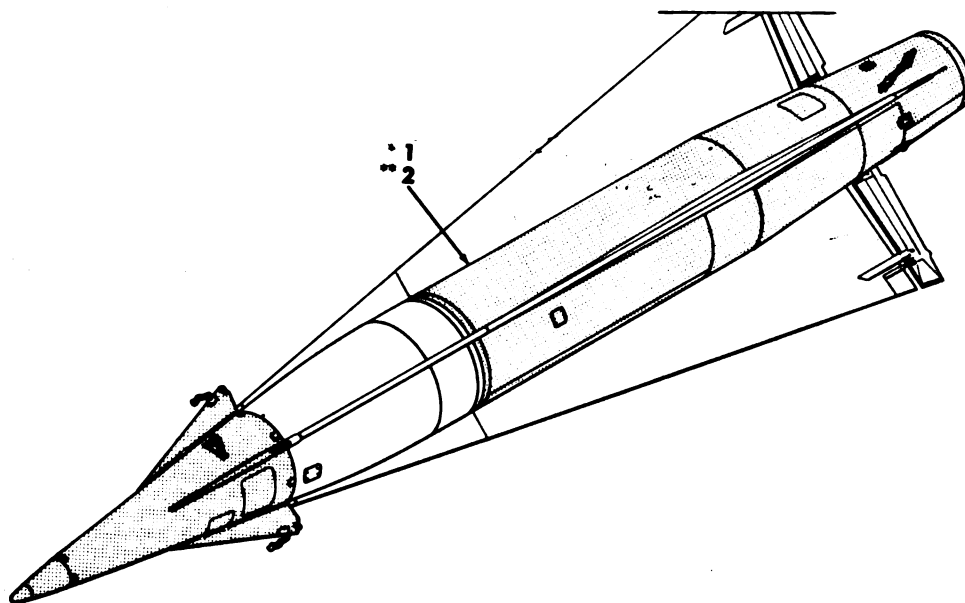
FIGURE 14. WARHEAD SECTION, HIGH EXPLOSIVE, GUIDED MISSILE INSTALLATION FOR M139 /0166916/
/SEE FIGURE 11 FOR NEXT HIGHER ASSEMBLY/



ORD G294666

- 1 SHIPPING KIT 9028319.....1
SEE FIGURE 20 FOR DETAILS
- 2 SHIPPING KIT 8530401.....1
SEE FIGURE 23 FOR DETAILS

FIGURE 12. GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/

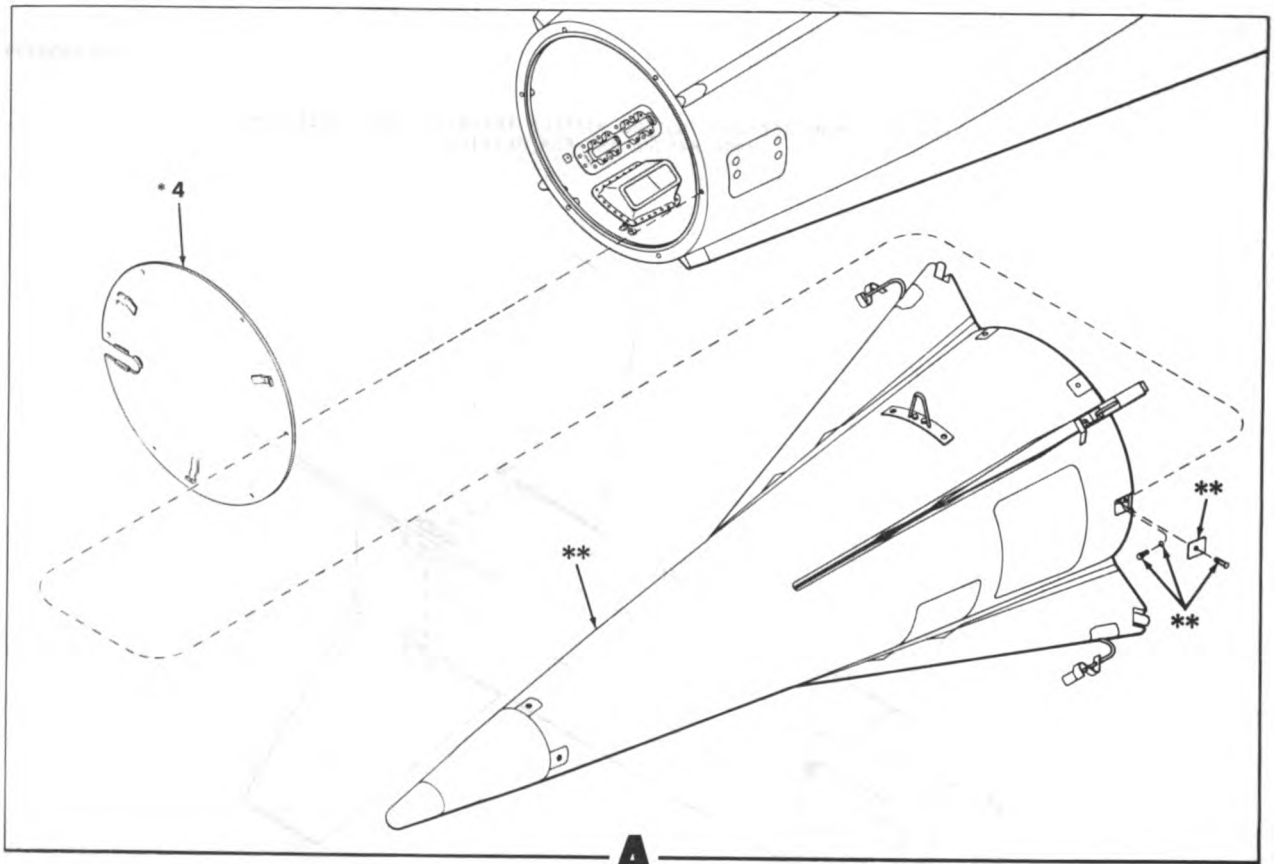
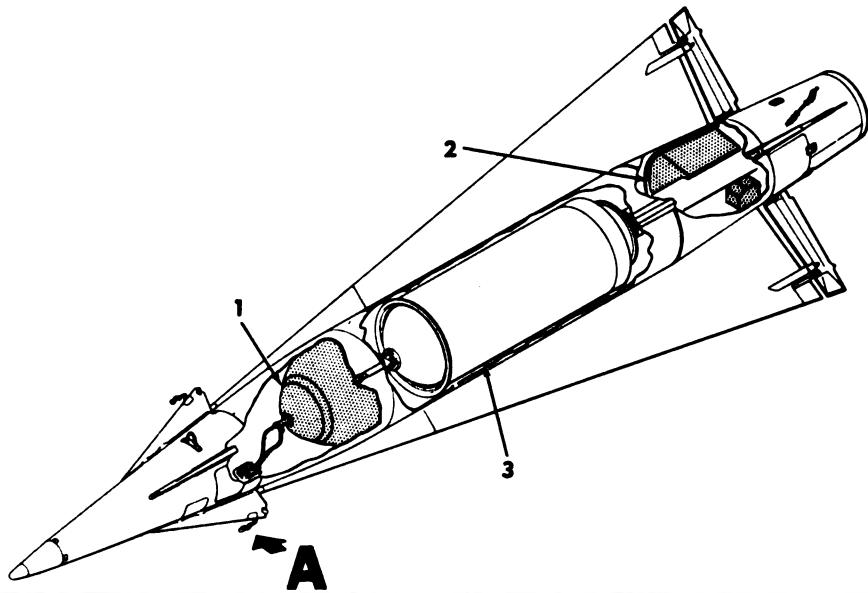


MI 39342

- 1 SHIPPING KIT 9979611.....1
SEE FIGURE 28 FOR DETAILS
- 2 SHIPPING KIT 8530406.....1
SEE FIGURE 28 FOR DETAILS

- * FOR GENERAL ASSEMBLY 9979609
AND 9979610
- ** FOR GENERAL ASSEMBLY 9028149
AND 9032783

FIGURE 13. GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/



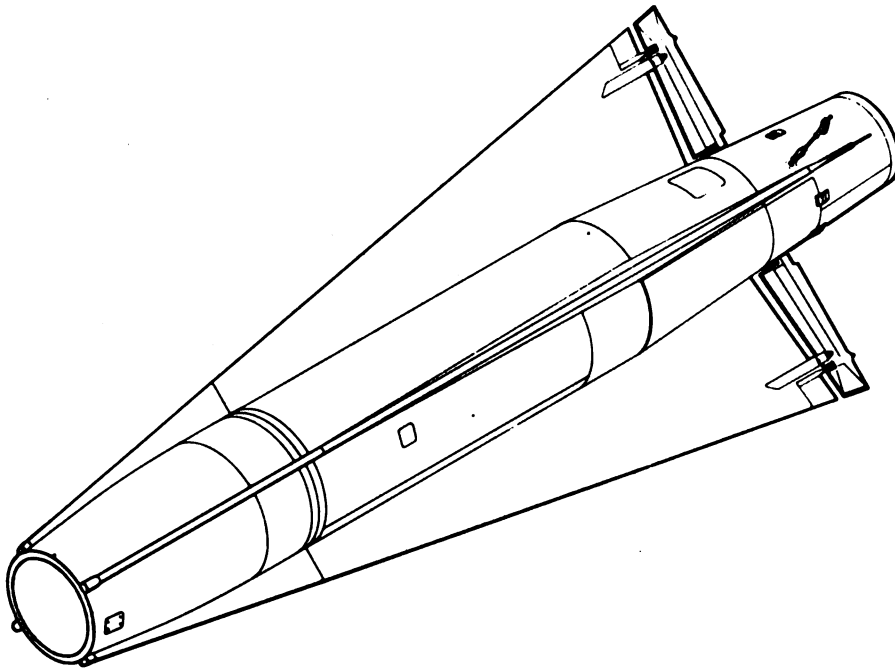
ORD G336825

1 WARHEAD INSTALLATION
8166516.....1
SEE FIGURE 14 FOR DETAILS
2 SHIPPING KIT 9019843.....1
SEE FIGURE 15 FOR DETAILS

3 CASE AND ADAPTER ASSEMBLY
9521095.....1
SEE FIGURE 16 FOR DETAILS
4 PROTECTOR 9978366.....1

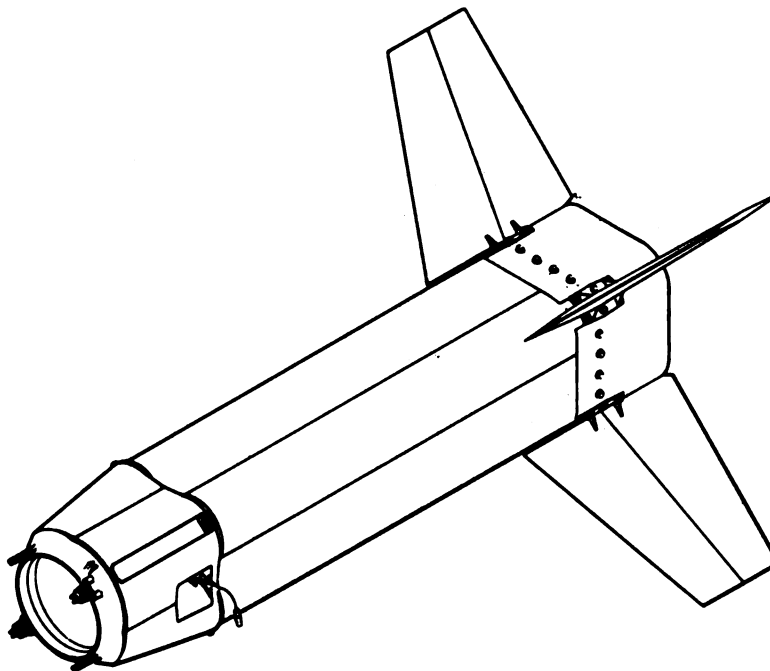
* FOR GENERAL ASSEMBLY 9028149
AND 9979609
** COMPONENT OF SHIPPING KIT
8530406 AND 9979611

FIGURE 11. GENERAL ASSEMBLY, MODEL 1810 / 9028149, 9032783, 9979609 AND 9979610/



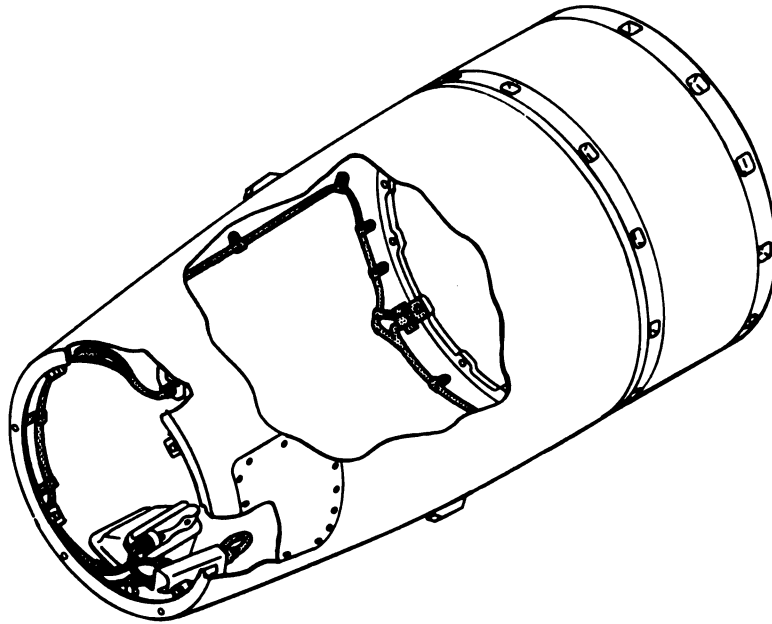
ORD G336923

FIGURE 9. BODY SECTION, GUIDED MISSILE TRAINING, M84 /10119274/
/SEE FIGURE 154 FOR DETAILS/



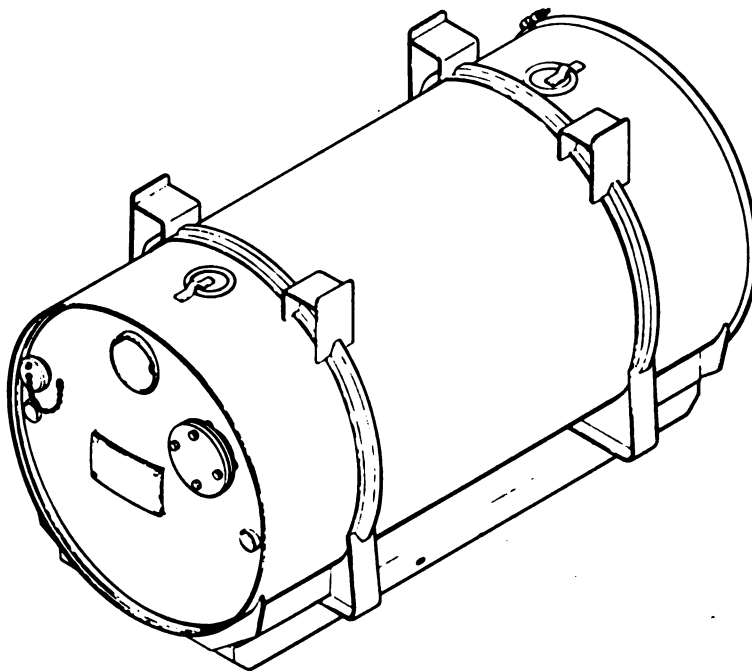
ORD G294913

FIGURE 10. ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/
/SEE FIGURE 167 FOR DETAILS/



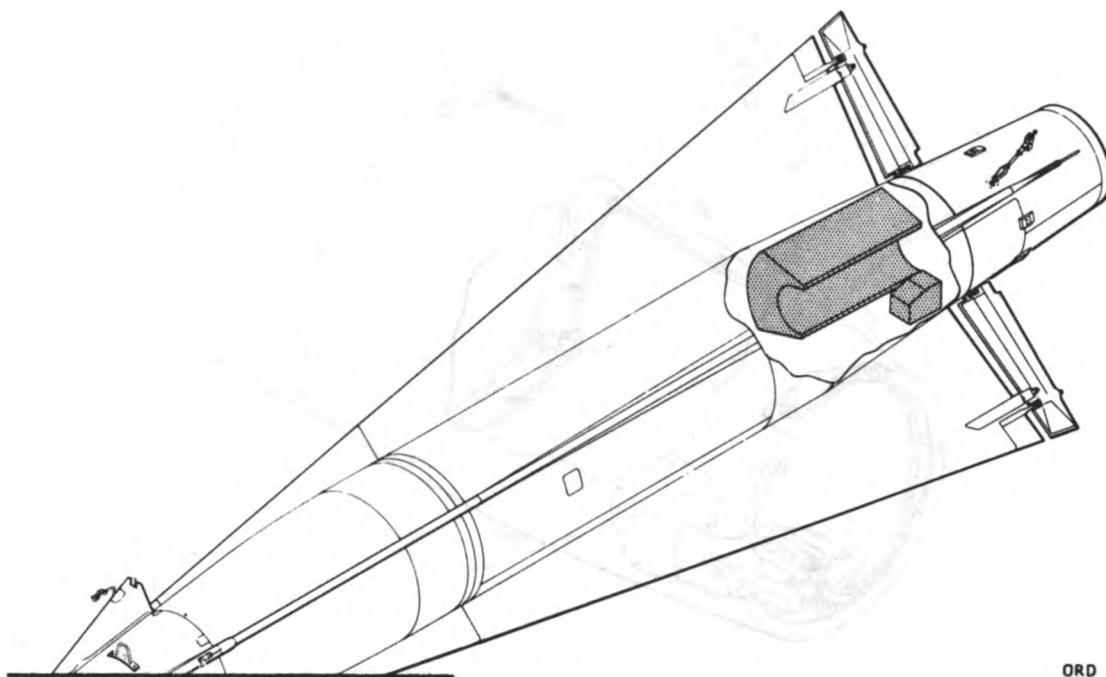
ORD G336922

FIGURE 7. FAIL SAFE KIT, AUXILIARY /9020699/
/SEE FIGURE 14 FOR LOCATION/



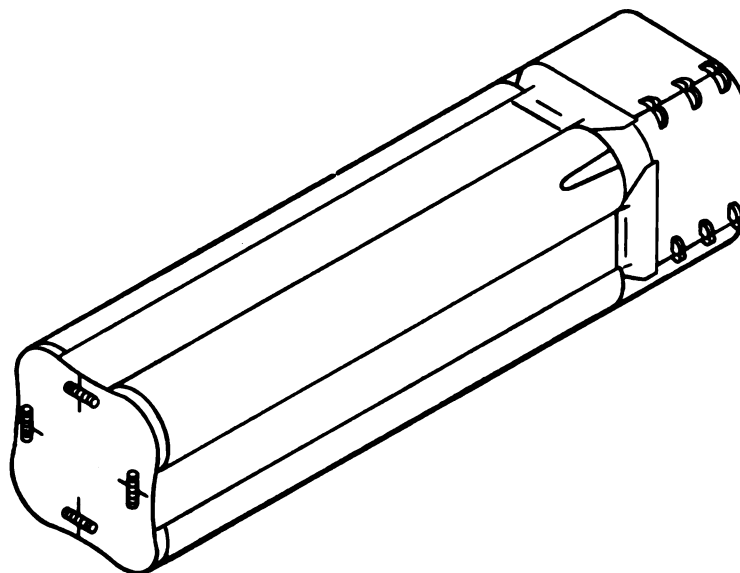
ORD G253609

FIGURE 8. CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/
/SEE FIGURE 151 FOR DETAILS/



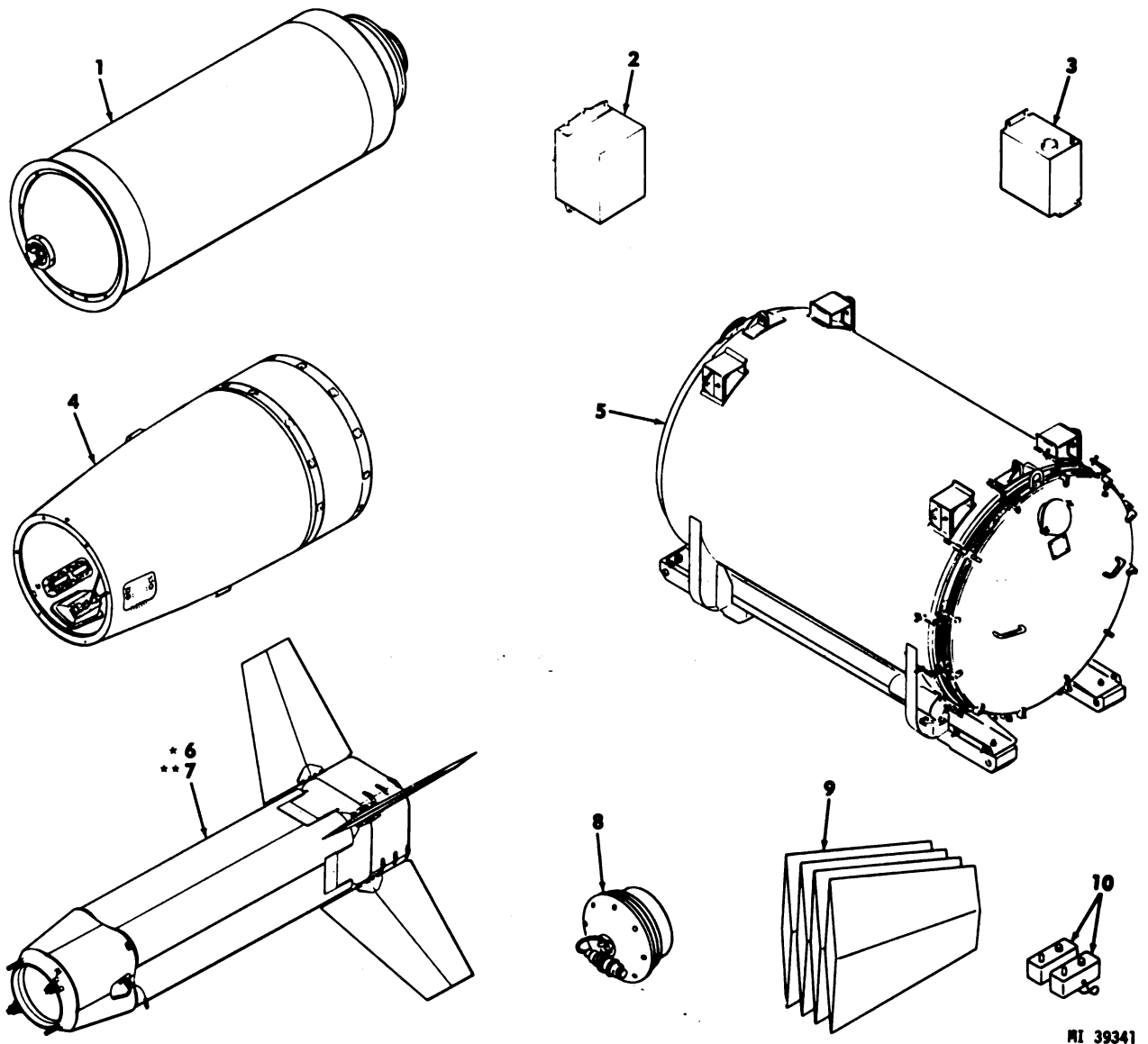
ORD G336920

FIGURE 5. WINTERIZATION KIT, GAS TURBINE GENERATOR SET /9019843/
/SEE FIGURE 15 FOR DETAILS/



ORD G336921

FIGURE 6. WINTERIZATION KIT, ROCKET MOTOR /9027320/
/SEE FIGURE 141 FOR DETAILS/



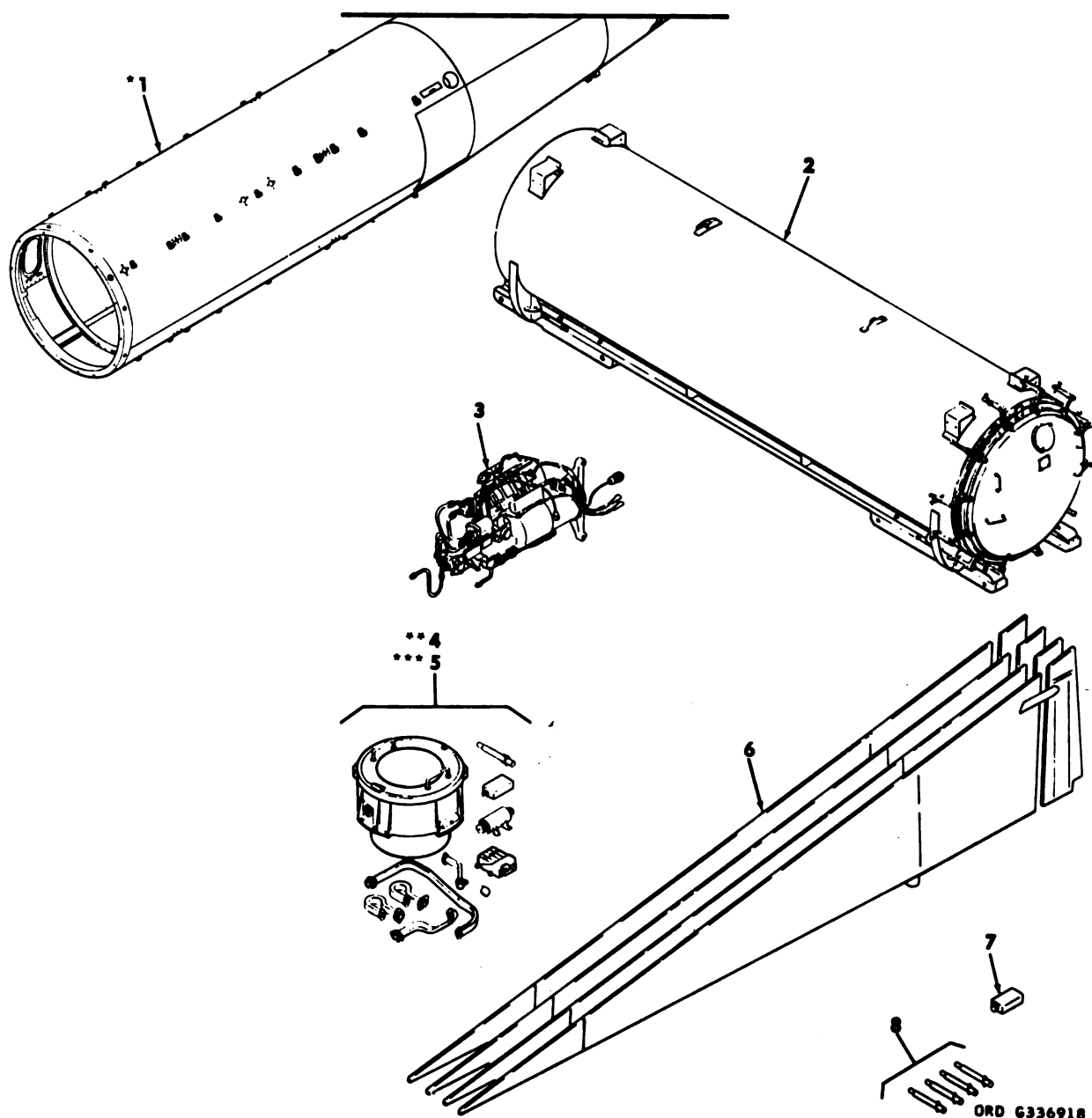
MI 39341

1 ROCKET MOTOR 10220125.....1
SEE FIGURE 16 FOR LOCATION
2 BATTERY RA485U.....1
SEE FIGURE 40 FOR LOCATION
3 BATTERY GAP4005G.....1
SEE FIGURE 79 FOR DETAILS
4 SHIPPING KIT 8530401.....1
SEE FIGURE 12 FOR DETAILS
5 SHIPPING AND STORAGE
CONTAINER 9031006.....1
SEE FIGURE 132 FOR DETAILS

6 ROCKET MOTOR #525883.....1
SEE FIGURE 136 FOR DETAILS
7 ROCKET MOTOR 9020717.....1
SEE FIGURE 136 FOR DETAILS
8 IGNITER #031024.....1
SEE FIGURE 140 FOR DETAILS
9 FIN ASSEMBLY 8530458.....1
SEE FIGURE 136 FOR DETAILS
10 SAFETY AND ARMING DEVICE
7542841.....2
SEE FIGURE 14 FOR DETAILS

• WITH LOADING ASSEMBLY
8030045
•• WITH LOADING ASSEMBLY
8030811

FIGURE 4. COMPONENTS OF GUIDED MISSILE, AIR DEFENSE, MIM-14B AND MIM-14C

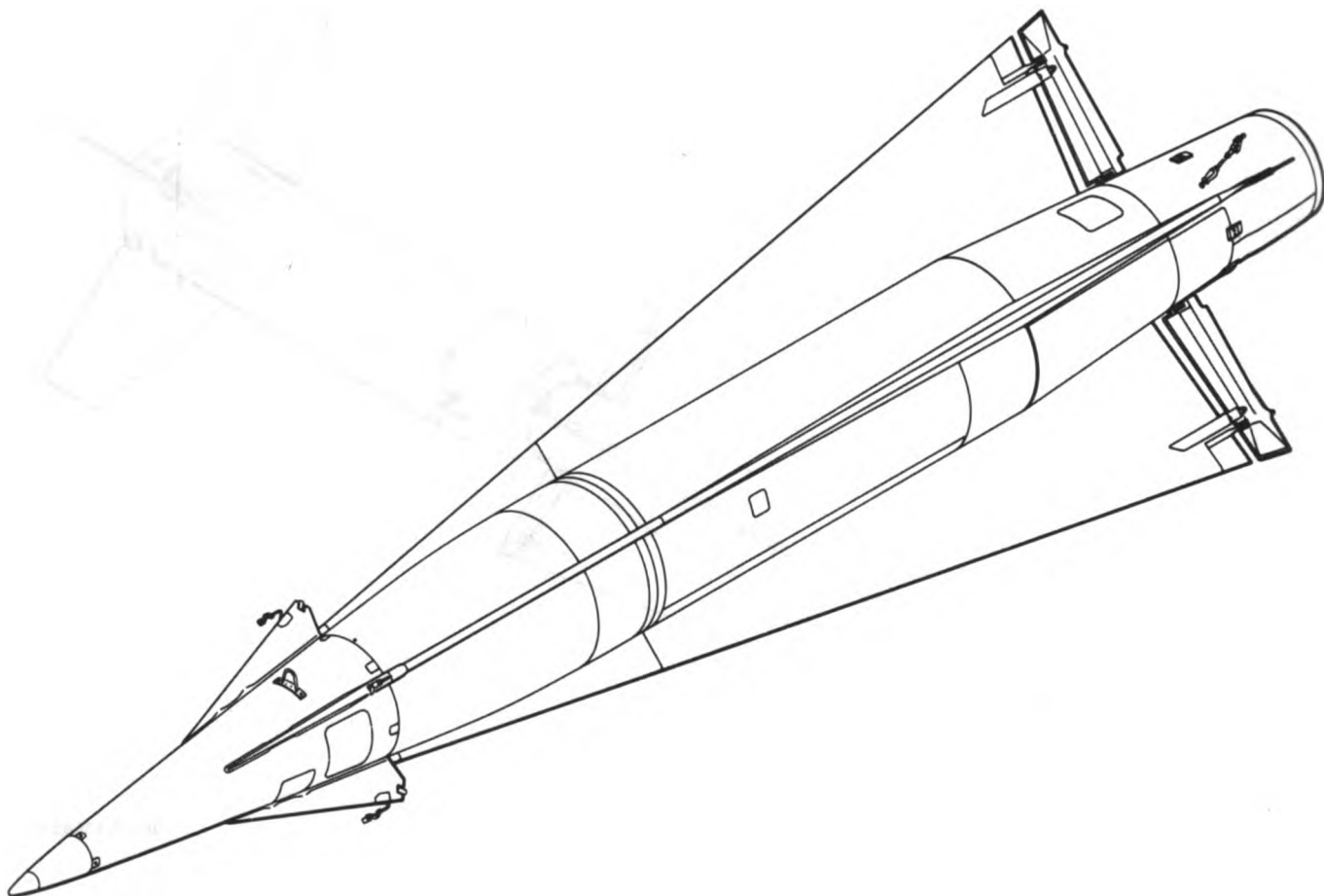


1 BODY ASSEMBLY 9028293.....1
SEE FIGURE 30 FOR LOCATION
2 SHIPPING AND STORAGE
CONTAINER 9031007.....1
SEE FIGURE 125 FOR LOCATION
3 PUMPING UNIT 9019617.....1
SEE FIGURE 97 FOR LOCATION
4 MISSILE GUIDANCE SFT
AN/DPW-18A 9149099.....1
SEE FIGURE 41 FOR LOCATION

5 MISSILE GUIDANCE SFT
AN/DPW-21 10666975.....1
SEE FIGURE 41 FOR LOCATION
6 SHIPPING KIT 9028319.....1
SEE FIGURE 12 FOR LOCATION
7 DELAY LINES GA10424.....1
SEE FIGURE 32 FOR LOCATION
8 HORN GA18756.....1
SEE FIGURE 32 FOR LOCATION

• FOR SHIPPING KIT 8530406 AND
9979611
•• FOR EQUIPMENT INSTALLATION
9020575
••• FOR EQUIPMENT INSTALLATION
9979613

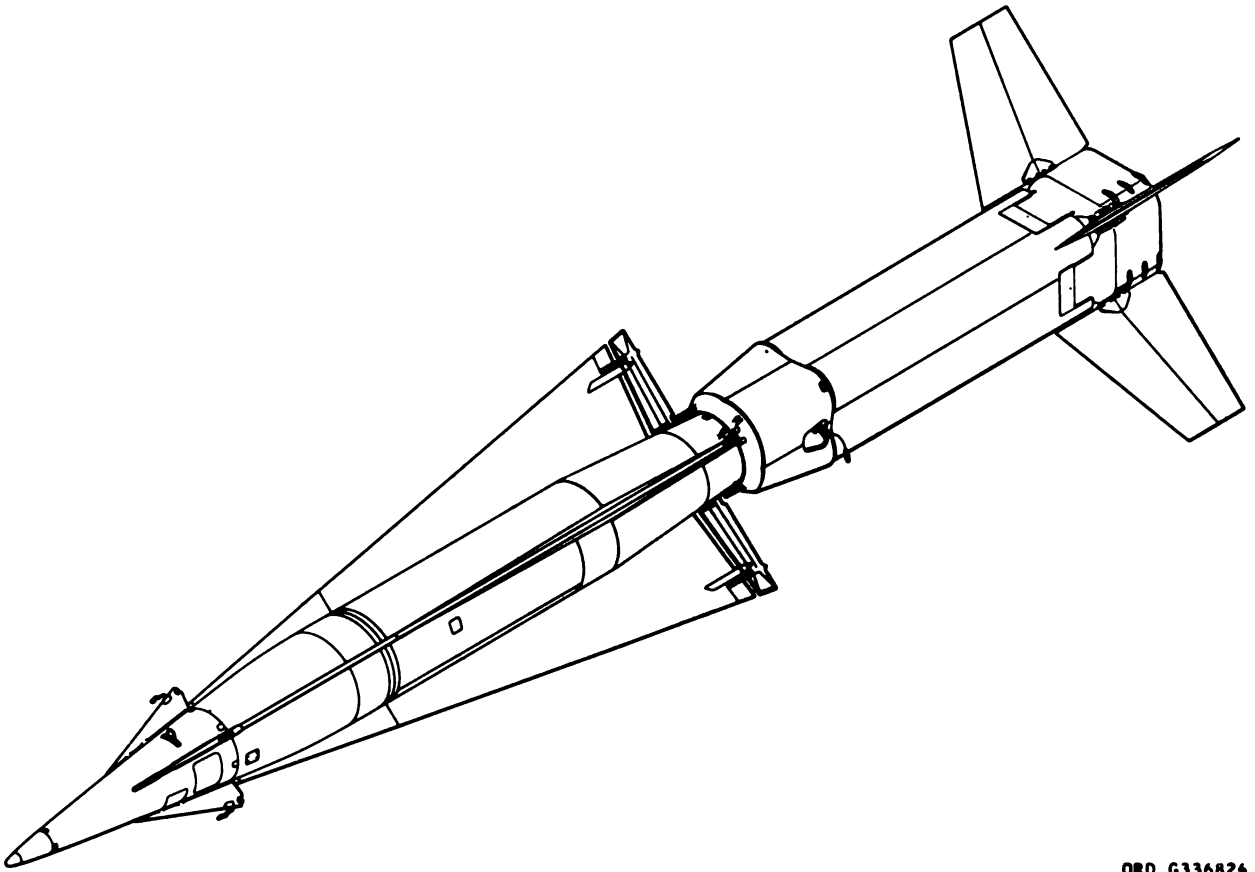
FIGURE 3. COMPONENTS OF GUIDED MISSILE, AIR DEFENSE, MIM-148 AND MIM-14C



ORD G294662

**FIGURE 2. GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/
/SEE FIGURE 11 FOR DETAILS/**

SECTION III. ILLUSTRATIONS



ORD G336824

FIGURE 1. GUIDED MISSILE, AIR DEFENSE, MIM-148 /9020724, 9020732, 9028148 AND 9032782/ AND MIM-14C /9979609 AND 9979606/

<i>Reference No.</i>	<i>Assembly</i>	<i>Figure No.</i>	<i>Reference No.</i>	<i>Assembly</i>	<i>Figure No.</i>
9031793	GUIDANCE COOLING SYSTEM INSTALLA- TION, MISSILE SIDE	35	9979038	TUBE AND VALVE ASSEMBLY, HYDRAULIC PUMPING UNIT	103
9031838	VALVE, SOLENOID	120	9979605	GUIDED MISSILE, AIR DEFENSE, MIM-14C	1
9031879	FIN, STABILIZER, GUIDED MISSILE	42	9979606	GUIDED MISSILE, AIR DEFENSE, MIM-14C	1
9032497	BODY SECTION, CENTER, GUIDED MISSILE, M135	24	9979608	BODY ASSEMBLY, FORWARD	31
9032585	SHORTING RECEPTACLE, BOOSTER	148	9979609	GENERAL ASSEMBLY, MODEL 1810	2
9032782	GUIDED MISSILE, AIR DEFENSE, MIM-148	1	9979610	GENERAL ASSEMBLY, MODEL 1810	2
9032783	GENERAL ASSEMBLY, MODEL 1810	2	9979611	SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY	28
9032830	STRUCTURE ASSEMBLY- WARHEAD, FORWARD	26	9979613	EQUIPMENT INSTALLA- TION, FOWARD BODY ASSEMBLY	36
9033947	CONNECTOR, PLUG, ELECTRICAL	172			
9978069	PANEL, COMPONENT MOUNTING	91			
9978099	CABLE ASSEMBLY, ROOSTER IGNITER	147			
9978535	CONNECTOR ASSEMBLY, ELECTRICAL	90			
9978713	THERMOSTAT, ENGINE HEATER, SPRING MOUNTED	61			

<i>Reference No.</i>	<i>Assembly</i>	<i>Figure No.</i>	<i>Reference No.</i>	<i>Assembly</i>	<i>Figure No.</i>
9020724	GUIDED MISSILE, AIR DEFENSE, MIM-148	1	9028293	BODY ASSEMBLY, AFT	48
9020732	GUIDED MISSILE, AIR DEFENSE, MIM-148	1	9028313	FIN, STRUCTURE ASSEMBLY	22
9022107	ACCUMULATOR, HYDRAULIC	111	9028319	SHIPPING KIT, MAIN FINS	20
9025119	FAIRING ASSEMBLY, BOOSTER, SIDE	150	9028341	SHIPPING KIT, BOOSTER CLUSTER	143
9025462	FAIRING ASSEMBLY, BOOSTER, TOP	150	9028467	EQUIPMENT INSTALLA- TION, ENGINE SECTION	55
9025463	FAIRING ASSEMBLY, BOOSTER BOTTOM	150	9028468 9031006	MOTOR SECTION SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409	54
9027320	WINTERIZA- TION KIT, ROCKET MOTOR	6	9031007	SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M410	132
9028004	FITTING ASSEMBLY, BOOSTER THRUST	149	9031082	BATTERY ASSEMBLY	89
9028024	NOSE ASSEMBLY, GUIDED MISSILE	47	9031386	ADAPTER INSTALLA- TION, NOSE SHIPPING	128
9028082	PANEL ASSEMBLY	87	9031466-1	STRUT ASSEMBLY, SUSPENSION	130
9028130	BODY SECTION, GUIDED MISSILE	45	9031466-2	STRUT ASSEMBLY, SUSPENSION	130
9028135	BODY SECTION, GUIDED MISSILE	44	9031495	CONTAINER ASSEMBLY, BOLTED, WARHEAD	135
9028148	GUIDED MISSILE, AIR DEFENSE, MIM-148	1	9031497	CONTAINER ASSEMBLY, BOLTED, AFT BODY	129
9028149	GENERAL ASSEMBLY, MODEL 1810	2	9031499	TRACK ASSEMBLY, MOVABLE, AFT BODY	131
9028251	BALLAST INSTALLA- TION, GUIDED MISSILE	67			

<i>References No.</i>	<i>Assembly</i>	<i>Figure No.</i>	<i>References No.</i>	<i>Assembly</i>	<i>Figure No.</i>
8522196	STRUCTURE		9019843	WINTERIZA-	
	ASSEMBLY	124		TION KIT,	
8524285	MECHANISM			GAS TURBINE	
	INSTALLA-			GENERATOR	
	TION,			SET	5
	HYDRAULIC	113	9019874	COVER,	
8524475	ACTUATOR			SHIPPING	
	ASSEMBLY	118		CONTAINER	127
8524478	ACTUATOR		9019883	MANIFOLD	
	ASSEMBLY	118		ASSEMBLY,	
8525883	ROCKET MOTOR,			HYDRAULIC	
	M42 /XM42E2/	136		PUMPING UNIT	109
8527017	COUPLING		9019913	CRADLE,	
	HALF, QUICK			SHIPPING	
	DISCONNECT	88		AND STORAGE	
8530401	SHIPPING KIT,			CONTAINER,	
	WARHEAD			TRANSPONDER	153
	ASSEMBLY	23	9019914	CONTAINER,	
8530406	SHIPPING KIT,			SHIPPING	
	FORWARD AND			AND STORAGE,	
	AFT BODY			TRANSPONDER,	
	ASSEMBLY	28		M466	8
8530475	BODY		9019935	EQUIPMENT	
	ASSEMBLY,			INSTALLA-	
	FORWARD	31		TION, AFT	
8530476	SECTION			BODY SECTION	72
	ASSEMBLY,		9019994	BLAST TUBE	
	NOSE	43		AND CLOSURE	
9019590	CYLINDER,			INSTALLATION	50
	HYDRAULIC		9020507	SYSTEM	
	PUMPING UNIT	112		INSTALLA-	
9019617	PUMPING UNIT,			TION,	
	HYDRAULIC	98		HYDRAULIC	94
9019635	MOTOR,		9020545	PUMP	
	DIRECT			ASSEMBLY,	
	CURRENT	106		HYDRAULIC	104
9019675	RACK, BATTERY	93	9020546	PUMP, AXIAL,	
9019677	DISTRIBUTION			PISTON	105
	BOX	81	9020575	EQUIPMENT	
9019678	PANEL,			INSTALLA-	
	COMPONENT			TION,	
	MOUNTING	91		FORWARD	
9019687	DUMMY			BODY	
	BATTERY,			ASSEMBLY	36
	SQUIB	92	9020643	MOTOR,	
9019698	BODY SECTION,			DIRECT	
	GUIDED			CURRENT	108
	MISSILE	122	9020699	FAIL SAFE	
9019729	PANEL			KIT,	
	ASSEMBLY,			AUXILIARY	7
	HYDRAULIC		9020717	ROCKET MOTOR,	
	PUMPING UNIT	102		M42A1	136

2. Cross Reference Numerical List

<i>Reference No.</i>	<i>Assembly</i>	<i>Figure No.</i>	<i>Reference No.</i>	<i>Assembly</i>	<i>Figure No.</i>
			8025012	HEAD ASSEMBLY	139
10119272	ELECTRICAL		8030045	LOADING	
	INSTALLA-			ASSEMBLY,	
	TION,			ROCKET MOTOR	137
	TRAINER,		8030811	LOADING	
	GUIDED			ASSEMBLY,	
	MISSILE	165		ROCKET MOTOR	137
10119274	BODY SECTION,		8030967	CLOSURE,	
	GUIDED		8030977	SHIPPING	138
	MISSILE			ROCKET MOTOR	
	TRAINING,			CLUSTER,	
	M84	9	8030986	TRAINER, M29	10
10119275	SHIPPING KIT,			ROCKET MOTOR,	
	BODY SECTION	156		TRAINING	
10119276	BODY SECTION,			FOR M29	
	TRAINER,			TRAINING,	
	GUIDED		8030994	ASSEMBLY	169
	MISSILE	158		FITTING	
10119277	STRUCTURE			ASSEMBLY,	
	ASSEMBLY,			THRUST,	
	ENGINE		8031024	BOOSTER	170
	SECTION	164		IGNITER,	
10119279	BODY SECTION,			ROCKET	
	TRAINER,		8031040	MOTOR, XM69	140
	GUIDED			CLOSURE,	
	MISSILE	161	8034291	SHIPPING	138
10119280	STRUCTURE			BLAST TUBE	
	ASSEMBLY,			AND NOZZLE	
	EQUIPMENT		8166516	ASSEMBLY	53
	AND POWER	163		WARHEAD	
10119281	STRUCTURE			SECTION,	
	ASSEMBLY,			HIGH	
	CONTROL	162		EXPLOSIVE,	
10119284	SHIPPING KIT,			GUIDED	
	MAIN FINS			MISSILE	
	INSTALLED	156		INSTALLA-	
10119285	STRUCTURE			TION FOR	
	ASSEMBLY,		8521050	M135	14
	MAIN FIN	157		SECTION	
10119297	BLAST TUBE			ASSEMBLY,	
	AND CLOSURE		8521053	WARHEAD	25
	INSTALLA-			BODY SECTION,	
	TION,			GUIDED	
	TRAINER	159	8521061	MISSILE	62
10228125	ROCKET MOTOR,			FIN,	
	M30A2	17	8521095	STABILIZER	21
10228126	CASE AND			CASE AND	
	ADAPTER			ADAPTER	
	ASSEMBLY	19		ASSEMBLY	
10602061	IGNITER,		8521098	INSTALLATION	16
	ROCKET			BODY SECTION,	
	MOTOR, M72	18		GUIDED	
				MISSILE	68

<i>Illustration Title</i>	<i>Figure No.</i>	<i>Illustration Title</i>	<i>Figure No.</i>
.CONTAINER ASSEMBLY, BOLTED, AFT BODY /9031497/-----	129	.CRADLE, SHIPPING AND STORAGE CONTAINER, TRANSPONDER /9019913--	153
.STRUT ASSEMBLY, SUSPENSION /9031466-1 AND 9031466-2/-----	130	BODY SECTION, GUIDED MISSILE, TRAINING, M84 /10119274/-----	154
.TRACK ASSEMBLY, MOVABLE, AFT BODY /9031499/-----	131	.SHIPPING KIT, BODY SECTION /10119275/ AND SHIPPING KIT, MAIN FINS /INSTALLED/ /10119284/-----	156
SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 /9031006/	132	..STRUCTURE ASSEMBLY, MAIN FIN /10119285/--	157
.CONTAINER ASSEMBLY, BOLTED, WARHEAD /9031495/-----	135	..BODY SECTION, TRAINER, GUIDED MISSILE /10119276/-----	158
ROCKET MOTOR, M42 /XM42E2 8525883 AND M42A1 9020717/-----	136	...BLAST TUBE AND CLOSURE INSTALLATION, TRAINER /10119297/--	159
.LOADING ASSEMBLY, ROCKET MOTOR /8030045 AND 8030811/-----	137	...BODY SECTION, TRAINER, GUIDED MISSILE /10119279/--	161
..CLOSURE ASSEMBLY, SHIPPING /8030967 AND 8031040/-----	138	....STRUCTURE ASSEMBLY, CONTROL /10119281/-	162
..HEAD ASSEMBLY /8025012/-----	139	....STRUCTURE ASSEMBLY, EQUIPMENT AND POWER /10119280/-----	163
.IGNITER, ROCKET MOTOR, XM69 /8031024/-----	140	...STRUCTURE ASSEMBLY, ENGINE SECTION /10119277/-----	164
.WINTERIZATION KIT, ROCKET MOTOR /INSTALLED/ /9027320/-	141	...ELECTRICAL INSTALLATION, TRAINER, GUIDED MISSILE /10119272/--	165
.SHIPPING KIT, BOOSTER CLUSTER /INSTALLED/ /9028341/-----	143	ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/-	167
..CABLE ASSEMBLY, BOOSTER IGNITER /9978099/-----	147	.ROCKET MOTOR, TRAINING FOR M29 TRAINER, ASSEMBLY /8030986/----	169
..SHORTING RECEPTACLE, BOOSTER /9032585/----	148	.FITTING ASSEMBLY, THRUST, BOOSTER /8030994/-----	170
..FITTING ASSEMBLY, BOOSTER THRUST /9028004/-----	149	WIRING HARNESSES AND CABLE ASSEMBLIES-----	171
..FAIRING ASSEMBLY, BOOSTER /SIDE 9025119, TOP 9025462 AND BOTTOM 9025463/--	150	..CONNECTOR, PLUG, ELECTRICAL /9033947/-	172
CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/-----	151		

Illustration Title	Figure No.	Illustration Title	Figure No.
.....BODY SECTION, GUIDED MISSILE /9028130/-----	45SYSTEM INSTALLATION, HYDRAULIC /9020507/-----	94
....NOSE ASSEMBLY, GUIDED MISSILE /9028024/-----	47PUMPING UNIT, HYDRAULIC /9019617/-----	98
..BODY ASSEMBLY, AFT /9028293/-----	48PANEL ASSEMBLY, HYDRAULIC PUMPING UNIT /9019729/--	102
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....BLAST TUBE AND NOZZLE ASSEMBLY /8034291/-----	53PUMP ASSEMBLY, HYDRAULIC /9020545/-----	104
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.....CONNECTOR ASSEMBLY, ELECTRICAL /9978535/-----	90	SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M410 /9031007/	125
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.....RACK, BATTERY /9019675/-----	93		

SECTION II.

ILLUSTRATIONS, ASSEMBLY PARTS BREAKDOWN

I. Assembly Parts Breakdown List

Note: The use of dots indicates generation breakdown.

Illustration Title	Figure No.	Illustration Title	Figure No.
GUIDED MISSILE, AIR DEFENSE, MIM-148 /9020724, 9020732, 9028148 AND 9032782/ AND MIM-14C /9979605 AND 9979606/-----	1	...IGNITER, ROCKET MOTOR, M72 /10602061/-----	18
GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/--	2	...CASE AND ADAPTER ASSEMBLY /10228126/-	19
COMPONENTS OF GUIDED MISSILE, AIR DEFENSE, MIM-148 AND MIM-14C----	3	.SHIPPING KIT, MAIN FINS /INSTALLED/ /9028319/-----	20
WINTERIZATION KIT, GAS TURBINE GENERATOR SET /9019843/-----	5	..FIN, STABILIZER /8521061/-----	21
WINTERIZATION KIT, ROCKET MOTOR /9027320/-	6	..FIN, STRUCTURE ASSEMBLY /9028313/---	22
FAIL SAFE KIT, AUXILIARY /9020699/----	7	.SHIPPING KIT, WARHEAD ASSEMBLY /8530401/----	23
CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/-----	8	..BODY SECTION, CENTER, GUIDED MISSILE, M135 /9032497/-----	24
BODY SECTION, GUIDED MISSILE TRAINING, M84 /10119274/-----	9	...SECTION ASSEMBLY, WARHEAD /8521050/---	25
ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/-	10	....STRUCTURE ASSEMBLY-- WARHEAD, FORWARD /9032830/-----	26
GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/--	11	.SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/-----	28
.WARHEAD SECTION, HIGH EXPLOSIVE, GUIDED MISSILE INSTALLATION FOR M135 /8166516/-----	14	..BODY ASSEMBLY, FORWARD /8530475 AND 9979608/-----	31
.WINTERIZATION KIT, GAS TURBINE GENERATOR SET /INSTALLED/ /9019843/-	15	...GUIDANCE COOLING SYSTEM INSTALLATION, MISSILE SIDE /9031793/-----	35
.CASE AND ADAPTER ASSEMBLY INSTALLATION /INSTALLED/ /8521095/-	16	...EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/-----	36
..ROCKET MOTOR, M30A2 /10228125/-----	17	...FIN, STABILIZER, GUIDED MISSILE /9031879/-----	42
		...SECTION ASSEMBLY, NOSE /8530476/-----	43
		....BODY SECTION, GUIDED MISSILE /9028135/-----	44

(2) Second. Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent National Stock Number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.

(3) Third. After finding the index number in the figure and item number column of the NSN or Part Number Index of the Repair Parts & Special Tools List, locate the index number in the repair parts list.

c. Wiring Harnesses. Wiring harnesses that require a separate illustration(s) for component identification, or cable assemblies and test leads composed of common type components, have been assigned a control number and the component parts are identified at the end of Section III. The assembled items are identified at their first appearance and refer to an illustration for details. The referenced illustration depicts all components of the wiring harnesses, cable assemblies, or test leads. Following the referenced illustration is an application page(s) listing the components and quantities per each wiring harness, cable assembly, or test lead.

4. How to Locate Repair Parts.

a. When National stock number or part number is unknown:

(1) First. Using the table of contents, find the Illustrations, Assembly Parts Breakdown.

(2) Second. Using the Illustrations, Assembly Parts Breakdown, determine the assembly within which the repair part belongs.

(3) Third. Find the illustration covering the assembly to which the repair part belongs.

(4) Fourth. Identify the repair part on the illustration and note the part number of the repair part.

(5) Fifth. Refer to paragraph 3.a. above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

(6) Sixth. Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent part number of item noted on the illustration. This index is in National item identification number (NIIN) sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.

(7) Seventh. After finding the index number in the figure and item number column of the Repair Parts and Special Tools List, locate the index number in the repair parts list.

b. When National stock number or part number is known:

(1) First. Refer to paragraph 3.a. above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

Section I. INTRODUCTION

1. Scope.

This manual depicts illustrations that will aid in the identification of authorized spares and repair parts required for performance of organizational, direct support and general support maintenance of the Guided Missile, Air Defense MIM-14B and MIM-14C.

2. General.

This Repair Parts and Special Tools List Illustration Supplement is divided into the following sections:

a. Section II. Illustrations, Assembly Parts Breakdown. This section is divided as follows:

(1) Assembly Parts Breakdown List. This list is furnished to aid in locating components, assemblies, and subassemblies and indicates by indenture the generation breakdown level of the item.

(2) Cross-Reference Numerical List. This list is furnished as an aid in locating items by part number that appear on the assembly parts breakdown list.

b. Section III. Illustrations. A series of exploded views of assemblies and subassemblies arranged in figure number sequence. All exploded parts are identified with callout numbers placed in clockwise sequence. The first illustration will depict the end item followed by an exploded view illustration or series of illustrations of the major assembly prior to the breakdown of its subassemblies. The subassemblies are then illustrated in the order that they appeared and were indexed on the major assembly.

c. Section IV. Numerical Index. A list, in alphameric sequence, of all part numbers appearing in the illustration legends. Part numbers are cross-referenced to each illustration figure and item number appearance. This index is furnished as an aid in locating items in this supplement, and authorized items in the Repair Parts and Special Tools List.

3. Special Information.

a. Repair Parts and Special Tools List. The listing of authorized repair parts for the equipment contained in this illustration supplement are located in TM 9-1410-250-24P-1-1, Repair Parts and Special Tools List. Items that appear on the illustrations, but which are not listed in the Repair Parts and Special Tools List, are not authorized repair parts. In such cases, or where differences exist between information found in this Supplement and the Repair Parts and Special Tools List, the information found in the Repair Parts and Special Tools List manual will prevail for requisitioning purposes.

b. Quantity Per Illustrated Application. The quantity per illustrated application will be shown in the legend to the right of the referenced number. The asterisk (*) shown on the illustration legend denotes "as required."

TECHNICAL MANUAL

TM 9-1410-250-24P-1-2

HEADQUARTERS,
DEPARTMENT OF THE ARMY
Washington, D. C., 13 July 1982

Organizational, Direct Support, and General Support Maintenance

Repair Parts and Special Tools List

(Including Depot Maintenance Repair Parts and Special Tools)

ILLUSTRATION SUPPLEMENT

FOR

GUIDED MISSILE, AIR DEFENSE

MIM-14B AND MIM-14C

(IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM)

Current as of 1 April 1982

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, U. S. Army Missile Command, ATTN: DRSMI-SNPS, Redstone Arsenal, AL 35898. A reply will be furnished to you.

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*This manual supersedes TM 9-1410-250-24P-1-2, dated 12 December 1979.

